LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

W-MAB-001

W-MAB-001

Resource: Akita (PEM)
Impact Type: Fill or Dredge
Impact Area: 1.280 acres
Polygon Type: A-2

Resource: Akita (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.530 acres
Polygon Type: A-1

N

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
AKITA BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

RK&K   AECOM

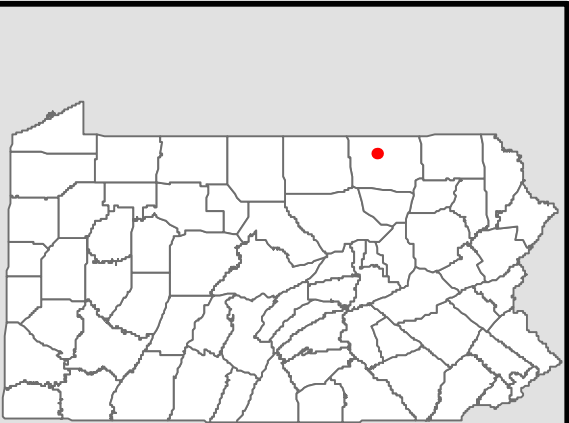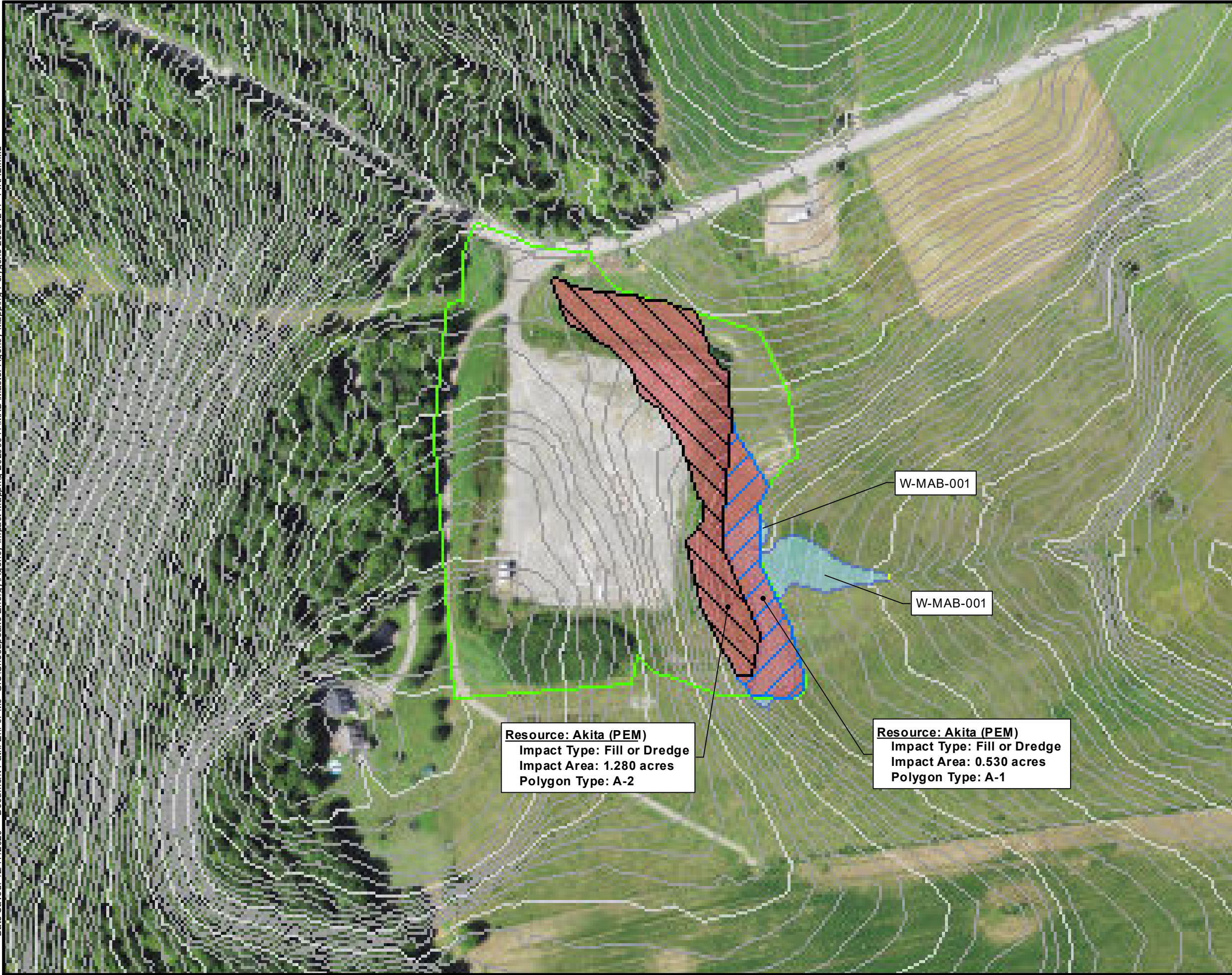CHESAPEAKE ENERGY

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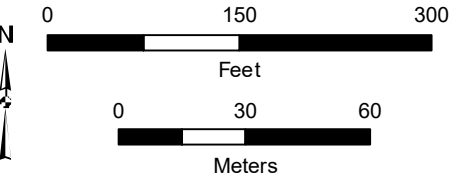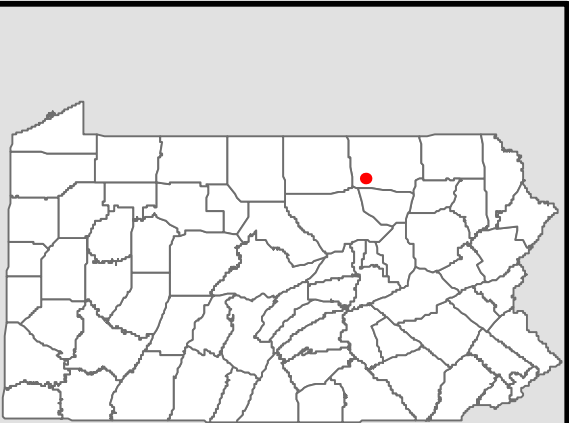
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
CRANRUN BRA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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CHESAPEAKE ENERGY

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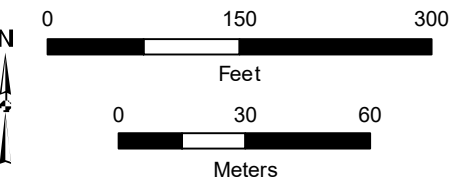
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

SF-WRA-001

S-WRA-001A

Resource: S-WRA-003 (PER)
Impact Type: Fill or Dredge
Impact Length: 73 feet
Polygon Type: A-2

S-WRA-003

S-WRA-002

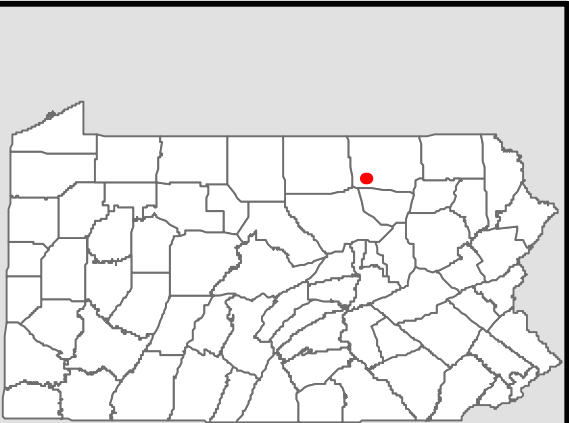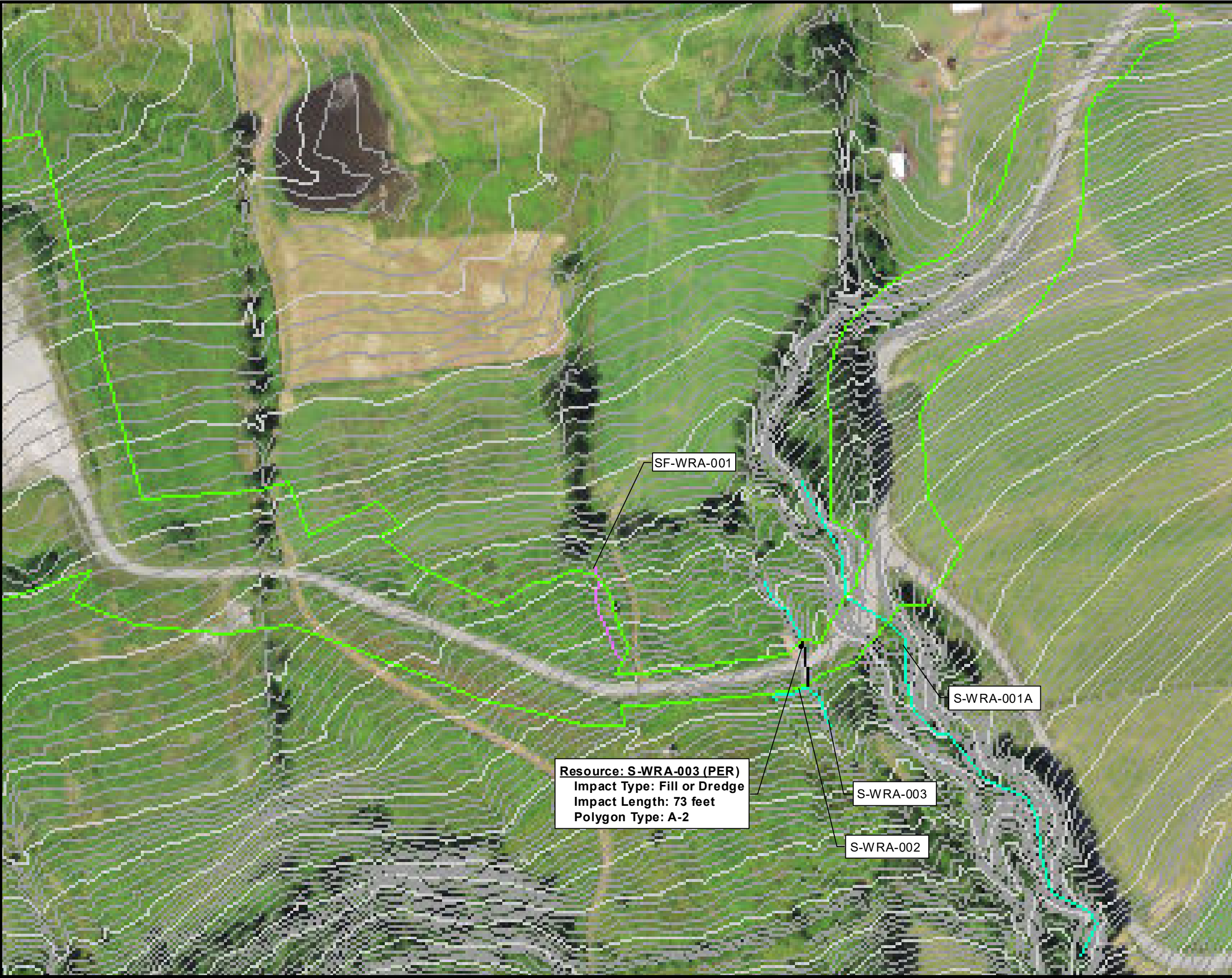0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
CRANRUN BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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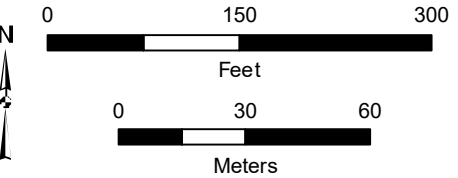
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

S-WRA-004

W-WRA-001

W-WRA-001

N

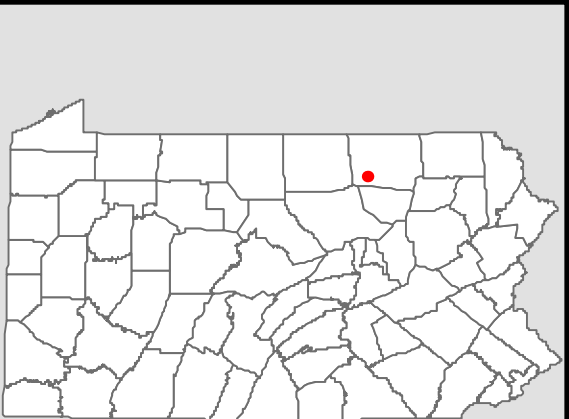0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
CRANRUN BRA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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CHESAPEAKE ENERGY

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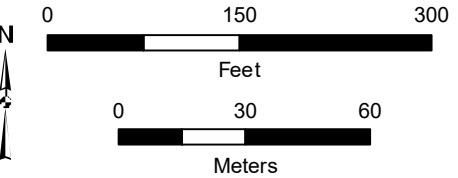
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

S-BJT-001

Resource: S-BJT-001 / S-BJT-002B (INT)
Impact Type: Transient
Impact Length: 57 feet
Polygon Type: A-2

Resource: S-BJT-001 / S-BJT-002B (INT)
Impact Type: Fill or Dredge
Impact Length: 454 feet
Polygon Type: A-2

MIW-BJT-002

MIW-BJT-003

S-BJT-002B

S-BJT-002

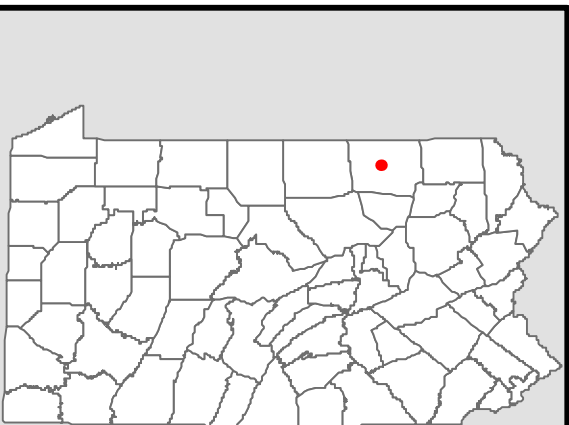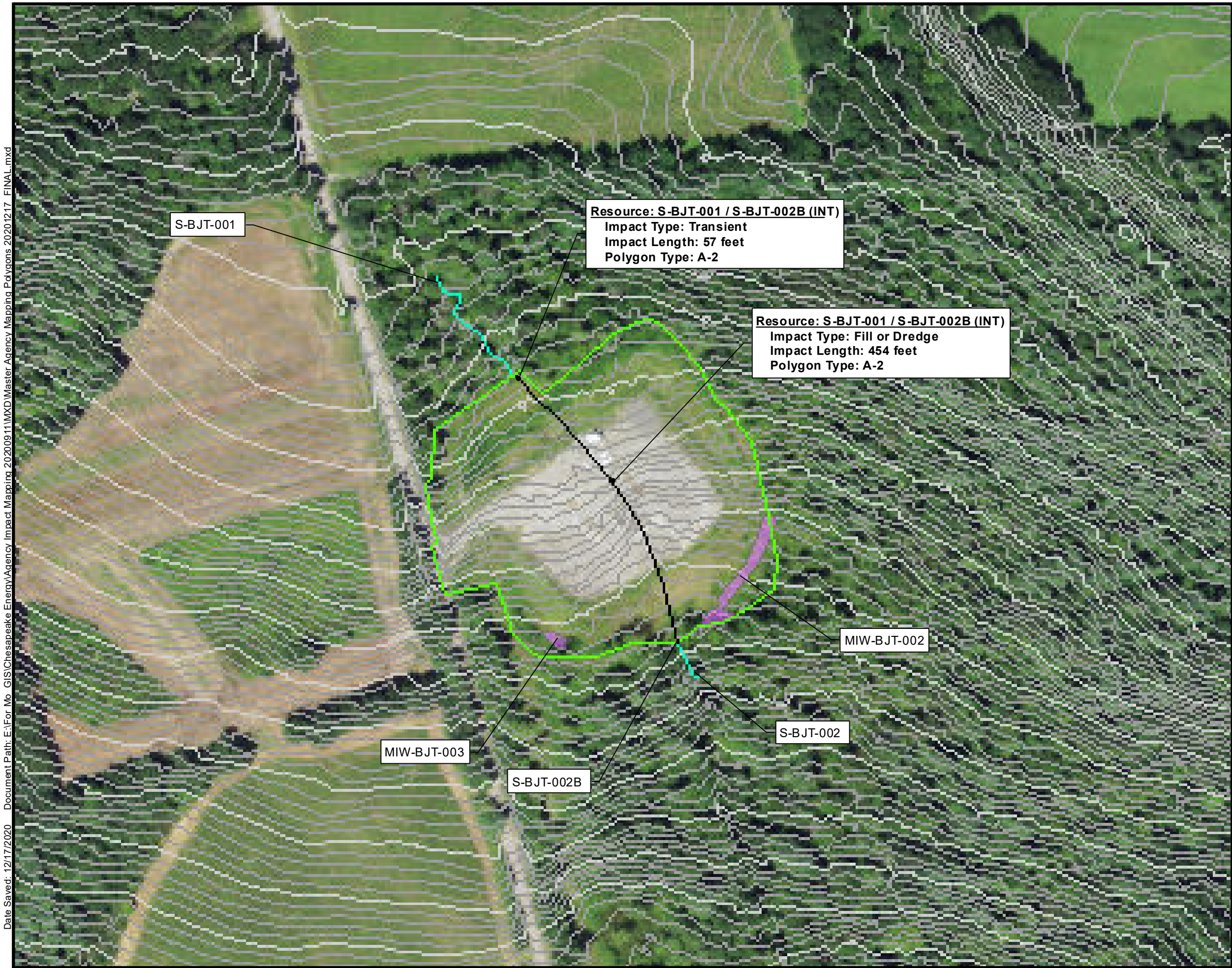0   150   300
Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
CSI BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

RK&K   **AECOM**

CHESAPEAKE
ENERGY

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Resource: W-JMG-001 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.097 acres
Polygon Type: A-2

Resource: W-JMG-001 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.024 acres
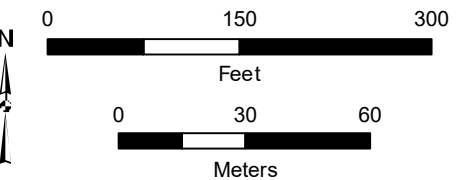Polygon Type: A-1

W-JMG-001

W-JMG-001

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact
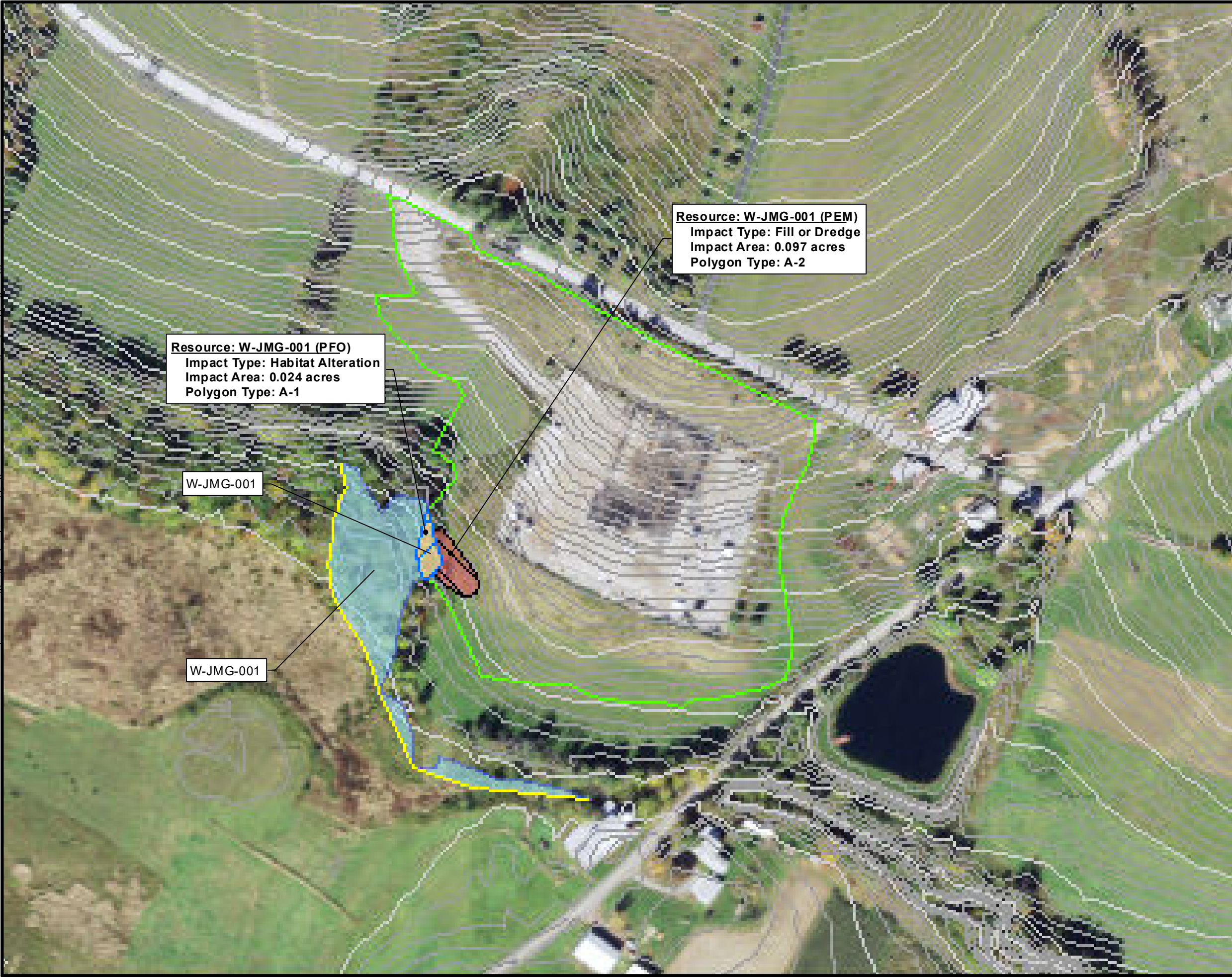
0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
EDF WYO PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

W-RCL-002

W-RCL-001

Resource: W-RCL-001 (PEM)
Impact Type: Transient
Impact Area: 0.032 acres
Polygon Type: A-1

Resource: W-RCL-001 / W-RCL-002 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.072 acres
Polygon Type: A-2

Resource: W-RCL-002 (PEM)
Impact Type: Transient
Impact Area: 0.073 acres
Polygon Type: A-1

Resource: W-RCL-002 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.119 acres
Polygon Type: A-2

W-RCL-003

N

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
EILEEN BRA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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CHESAPEAKE ENERGY

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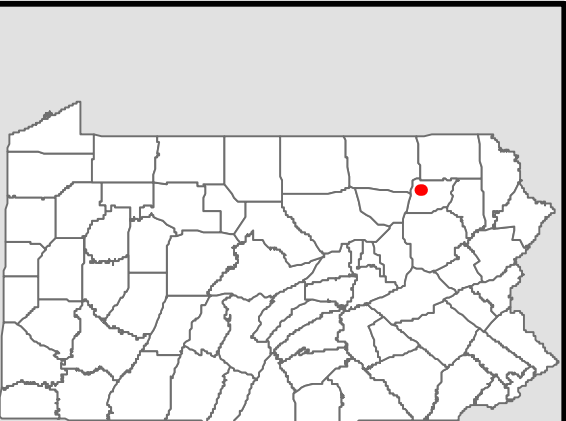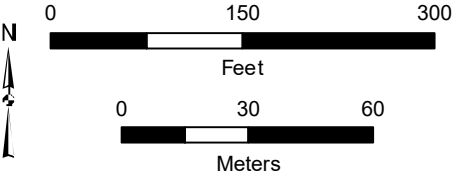
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W-WRA-002

W-WRA-003

Resource: W-WRA-001 / W-WRA-002 / W-WRA-003 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.195 acres
Polygon Type: A-2

Resource: W-WRA-001 (PEM)
Impact Type: Transient
Impact Area: 0.055 acres
Polygon Type: A-1

W-WRA-001

MIW-WRA-001

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

N

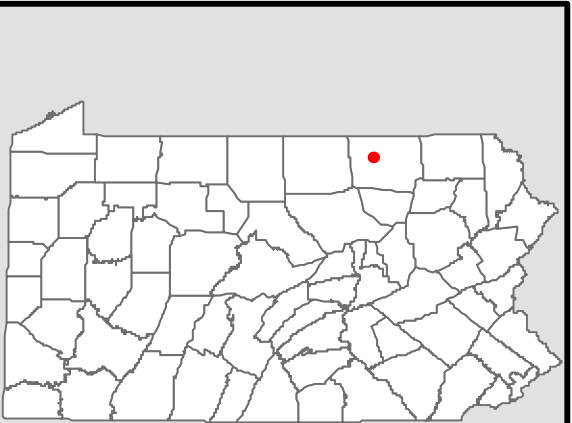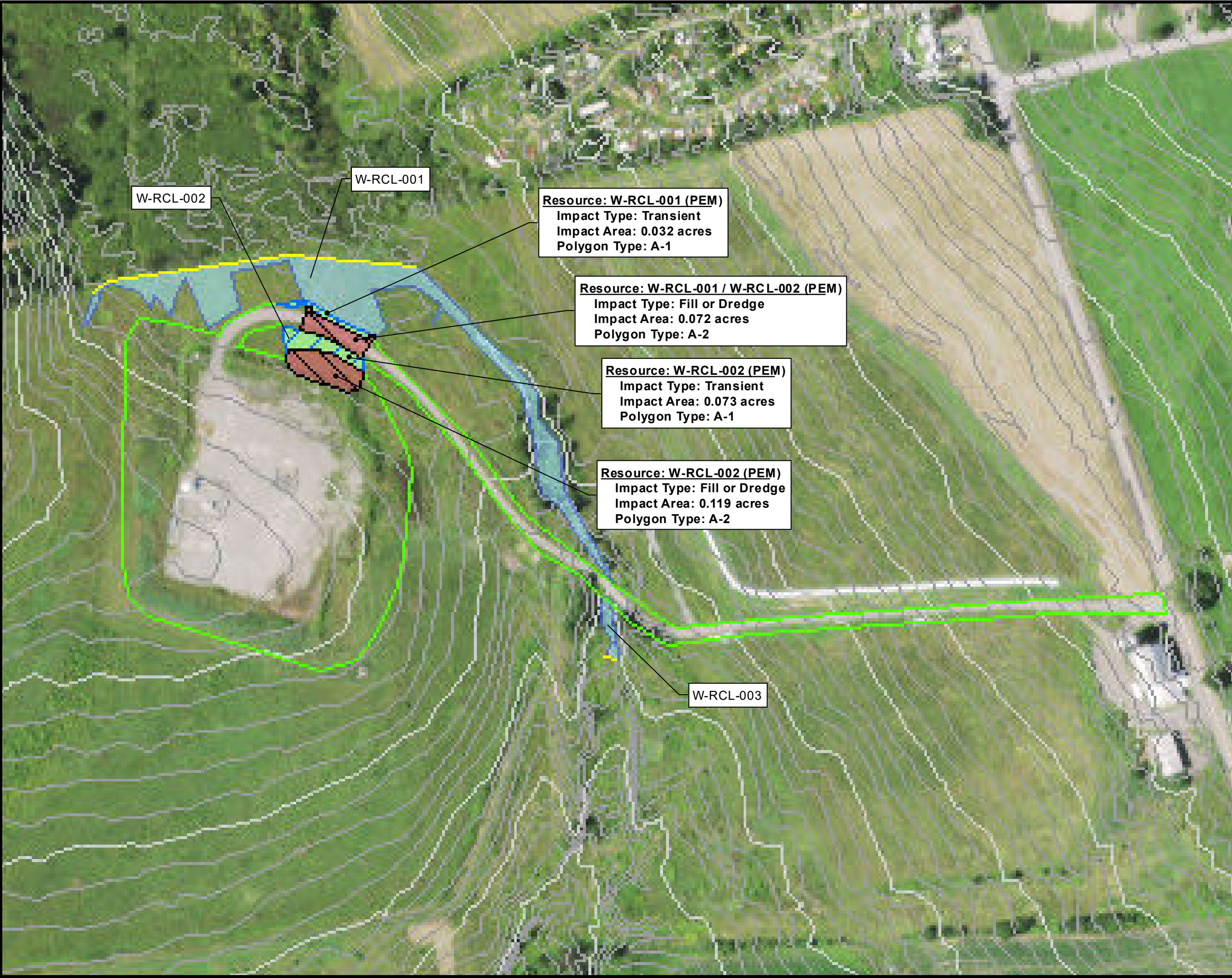0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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CHESAPEAKE APPALACHIA LLC
FRISBEE BRA PAD
SITE PLAN

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CHESAPEAKE
ENERGY

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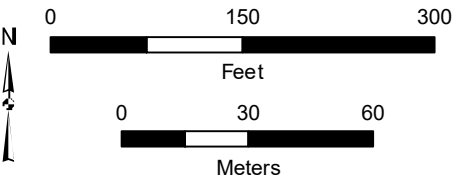
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

Resource: W-GJM-006 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.283 acres
Polygon Type: A-2

Resource: W-GJM-006 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.010 acres
Polgyon Type: A-1

Resource: W-GJM-007 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.026 acres
Polygon Type: A-1

Resource: W-GJM-007 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.115 acres
Polygon Type: A-2

W-GJM-006
W-GJM-006
W-GJM-007
W-GJM-007

MIW-GJM-002

W-GJM-009

Resource: Goll_4 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.050 acres
Polygon Type: A-2

Resource: Goll_1 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.010 acres
Polygon Type: A-2

Resource: W-GJM-001 (PEM)
Impact Type: Transient
Impact Area: 0.049 acres
Polygon Type: A-1

Resource: Goll_3 (PSS)
Impact Type: Transient
Impact Area: 0.150 acres
Polygon Type: A-1

Resource: Goll_2 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.040 acres
Polygon Type: A-2

W-GJM-010 (PEM)
W-GJM-001

Resource: W-GJM-001 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.081 acres
Polygon Type: A-2

W-GJM-001

N

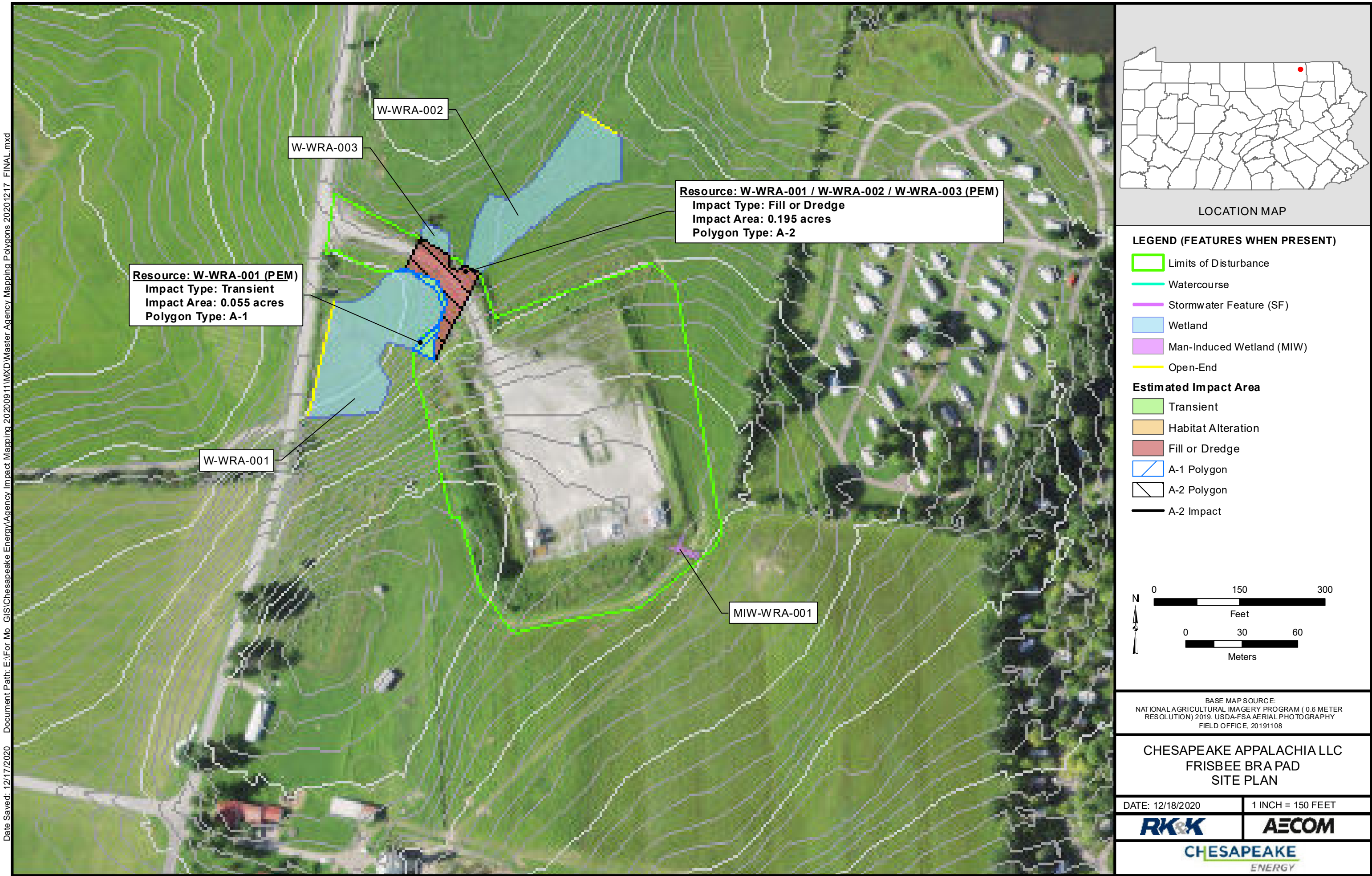0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108
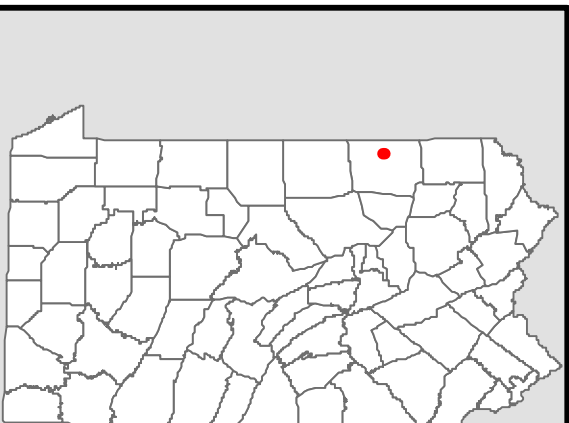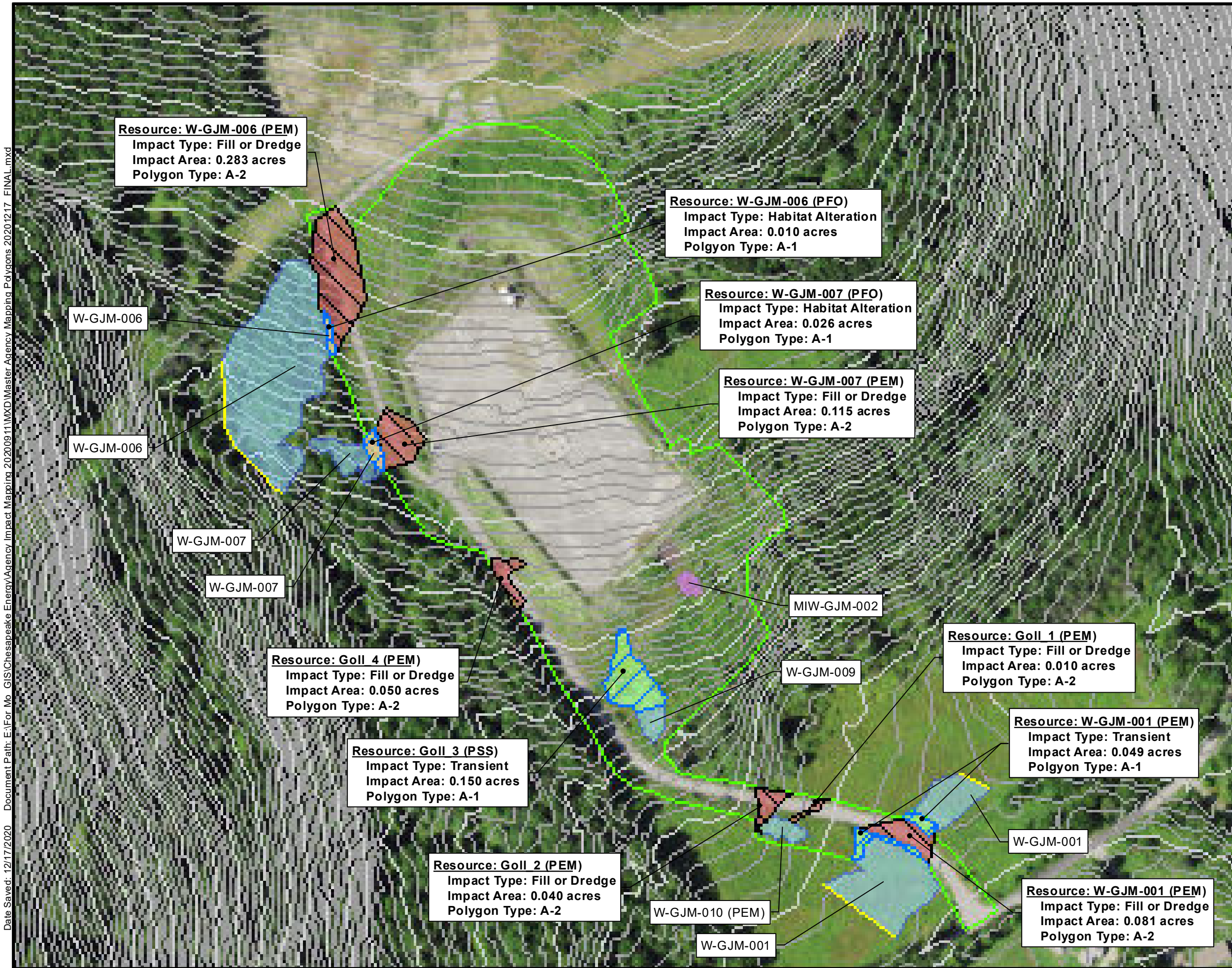
CHESAPEAKE APPALACHIA LLC
GOLL BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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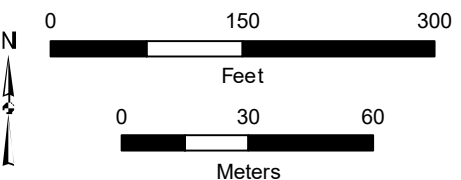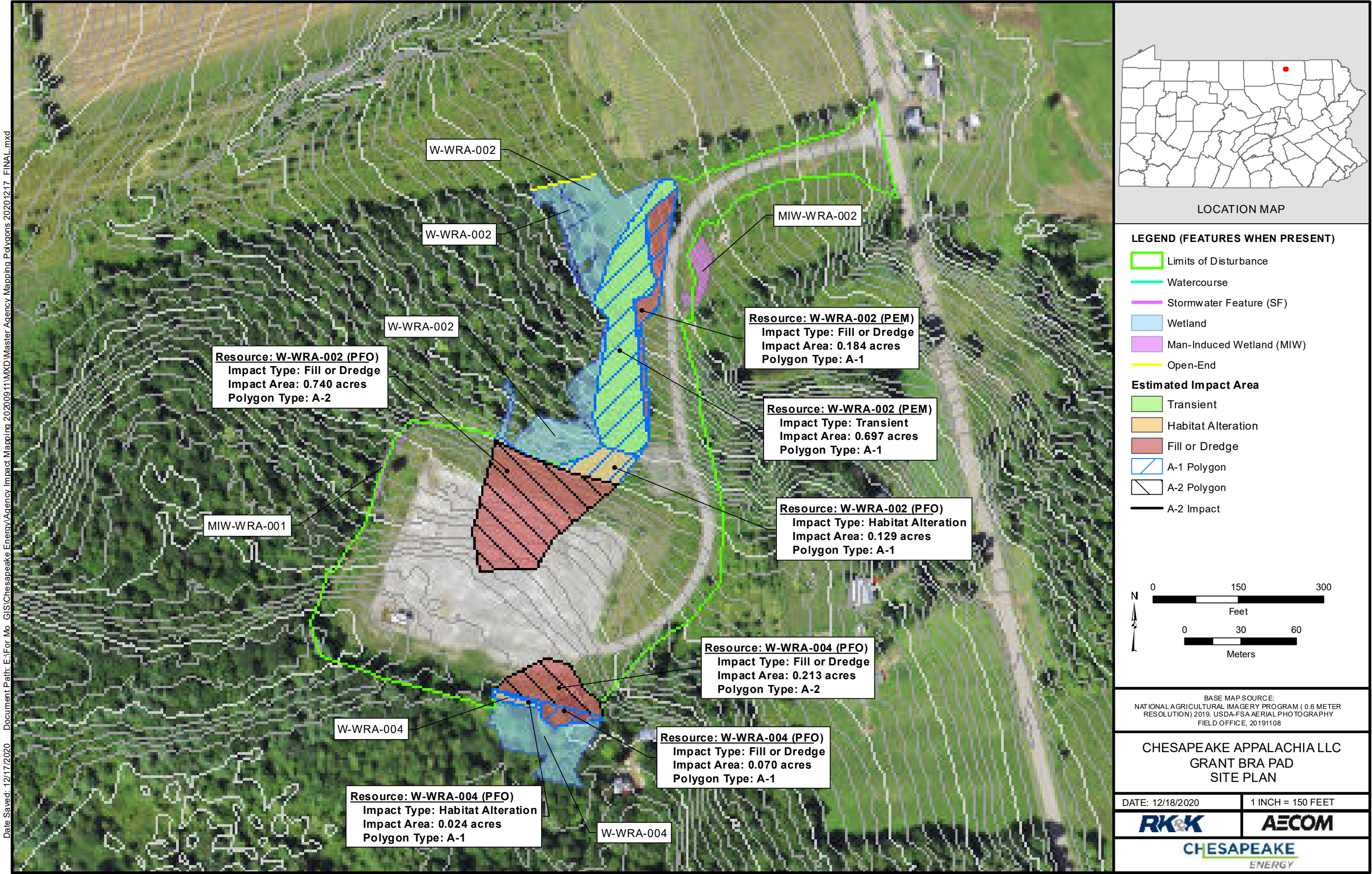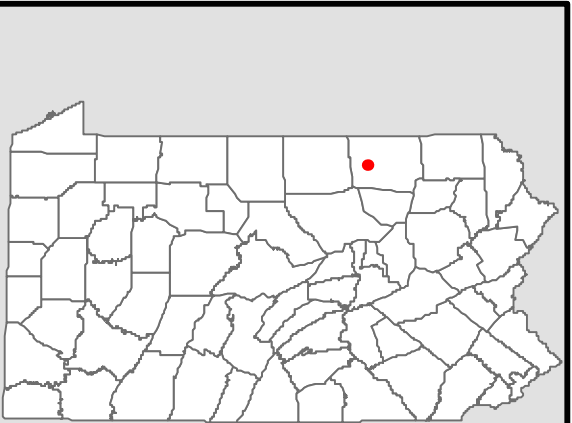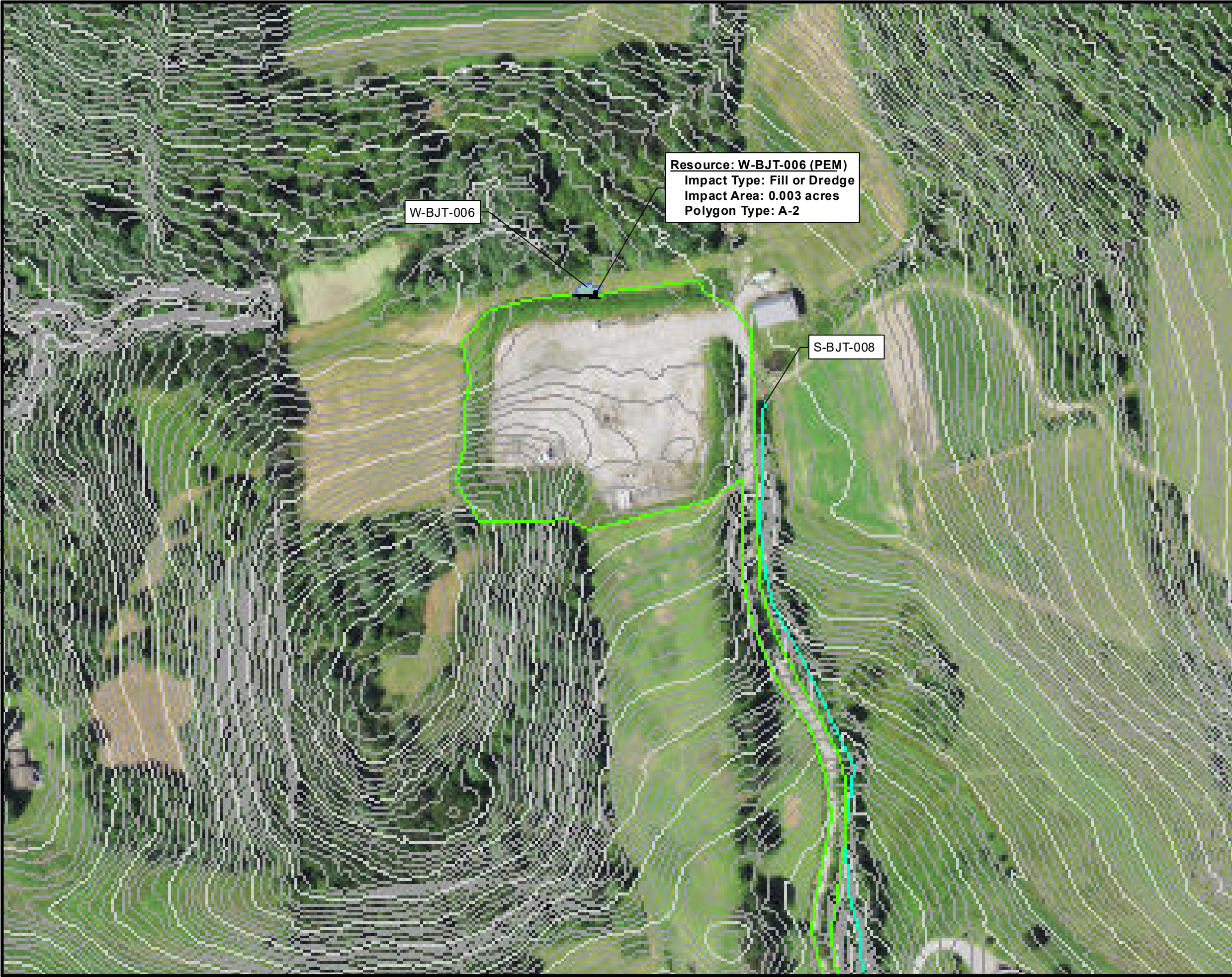
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)
- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area
- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

W-WRA-002

MIW-WRA-002

Resource: W-WRA-002 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.184 acres
Polygon Type: A-1

Resource: W-WRA-002 (PFO)
Impact Type: Fill or Dredge
Impact Area: 0.740 acres
Polygon Type: A-2

Resource: W-WRA-002 (PEM)
Impact Type: Transient
Impact Area: 0.697 acres
Polygon Type: A-1

Resource: W-WRA-002 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.129 acres
Polygon Type: A-1

MIW-WRA-001

Resource: W-WRA-004 (PFO)
Impact Type: Fill or Dredge
Impact Area: 0.213 acres
Polygon Type: A-2

Resource: W-WRA-004 (PFO)
Impact Type: Fill or Dredge
Impact Area: 0.070 acres
Polygon Type: A-1

W-WRA-004

Resource: W-WRA-004 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.024 acres
Polygon Type: A-1

W-WRA-004

0   150   300
Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
GRANT BRA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

RK&K   AECOM

CHESAPEAKE
ENERGY

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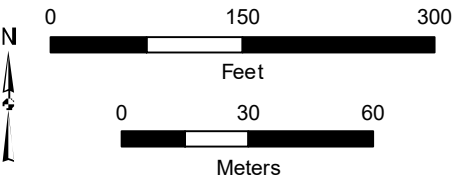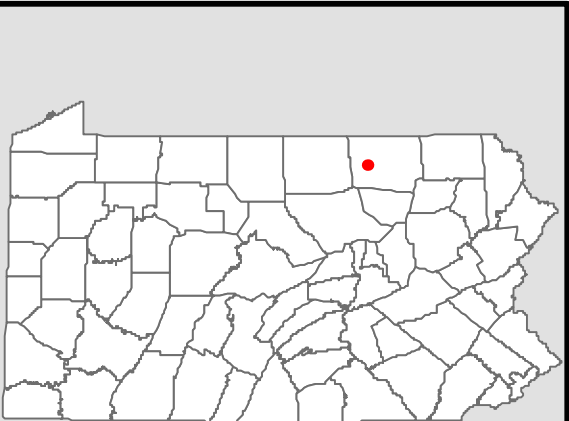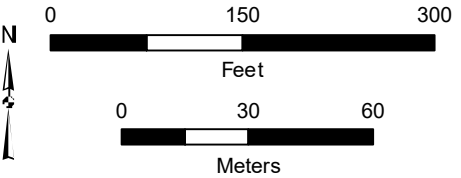
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

Resource: W-BJT-006 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.003 acres
Polygon Type: A-2

W-BJT-006

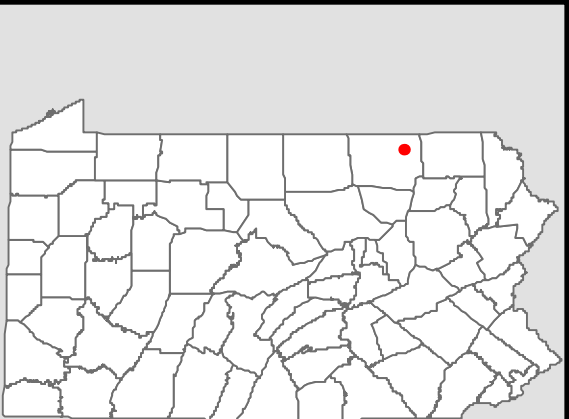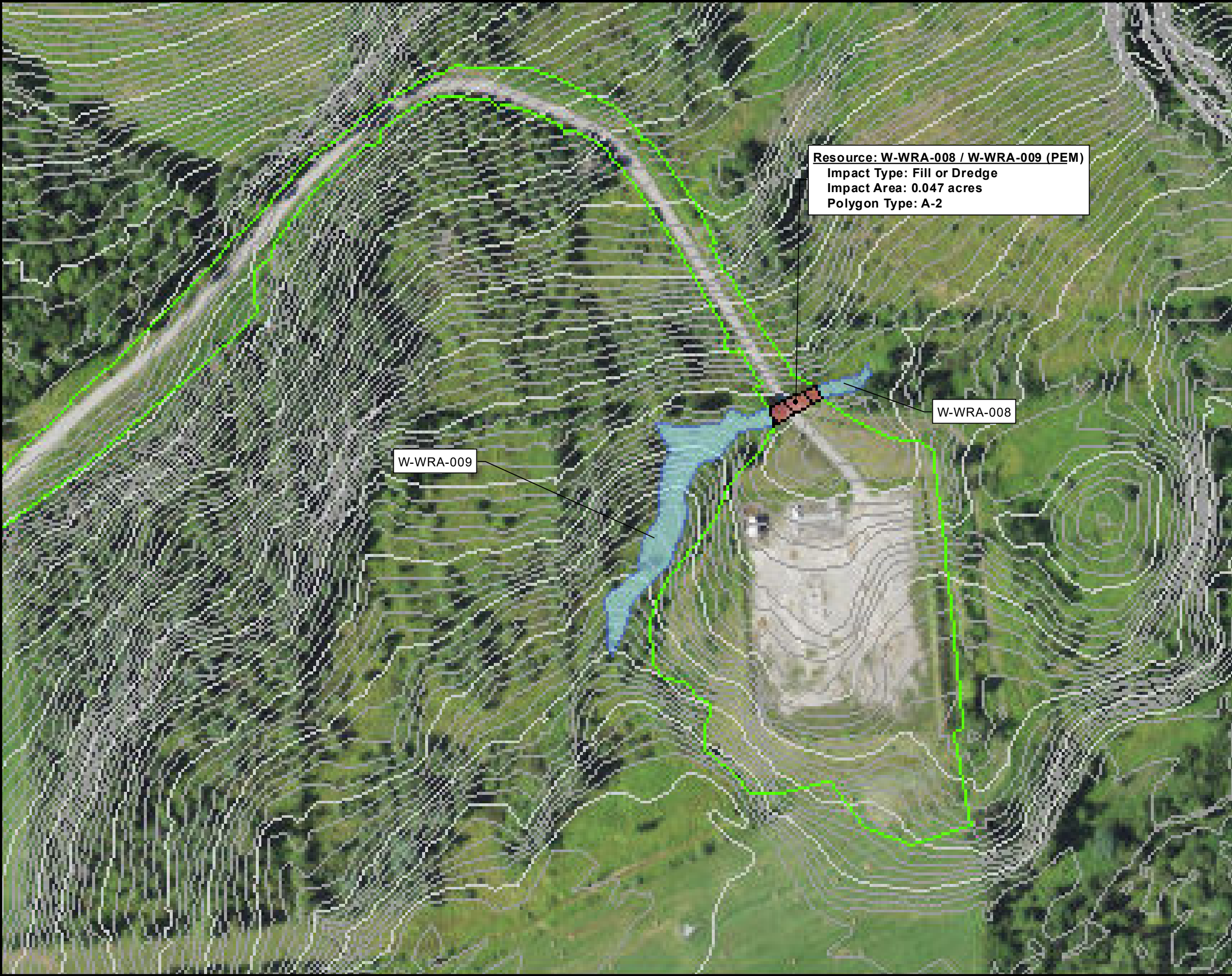S-BJT-008

0   150   300
Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
HANNAN BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration

Fill or Dredge

A-1 Polygon

A-2 Polygon

A-2 Impact

S-BJT-008

N

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
HANNAN BRA PAD
SITE PLAN

| DATE: 12/18/2020 | 1 INCH = 150 FEET |

RK&K   AECOM

CHESAPEAKE
ENERGY

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Date Saved: 12/17/2020

LOCATION MAP

Resource: W-WRA-008 / W-WRA-009 (PEM)
Impact Type: Fill or Dredge
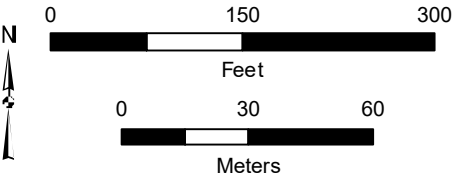**Impact Area: 0.047 acres**
Polygon Type: A-2

W-WRA-008

W-WRA-009

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
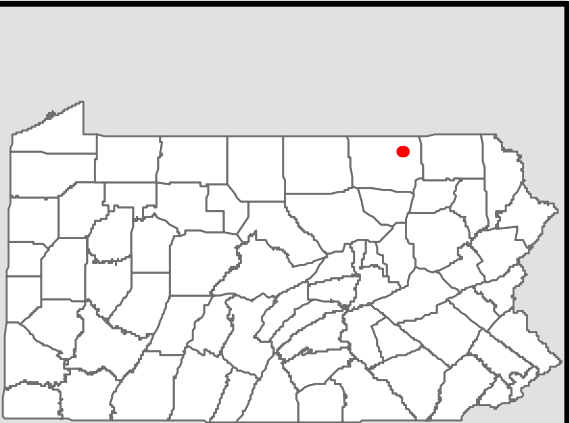Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
HAYWARD BRA PAD
SITE PLAN

DATE: 12/17/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

—— Limits of Disturbance
—— Watercourse
—— Stormwater Feature (SF)
▢ Wetland
▢ Man-Induced Wetland (MIW)
—— Open-End

Estimated Impact Area

▢ Transient
▢ Habitat Alteration
▢ Fill or Dredge
▢ A-1 Polygon
▢ A-2 Polygon
—— A-2 Impact

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
HAYWARD BRA PAD
SITE PLAN

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Date Saved: 12/17/2020

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

— Limits of Disturbance
— Watercourse
— Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
— Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
— A-2 Impact

W-WRA-002

Resource: W-WRA-001 / W-WRA-002 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.022 acres
Polygon Type: A-2

Resource: W-WRA-001 (PEM)
Impact Type: Transient
Impact Area: 0.0004 acres
Polygon Type: A-2

Resource: W-WRA-002 (PEM)
Impact Type: Transient
Impact Area: 0.0004 acres
Polygon Type: A-2

W-WRA-001

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
HAYWARD BRA PAD
SITE PLAN

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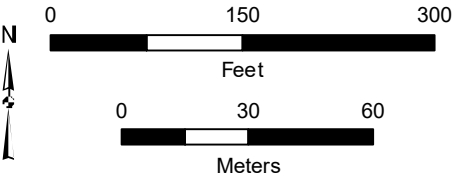
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

W-BJT-033

W-BJT-032

W-BJT-032

Resource: W-BJT-032 / W-BJT-033 (PSS)
Impact Type: Fill or Dredge
Impact Area: 0.067 acres
Polygon Type: A-2
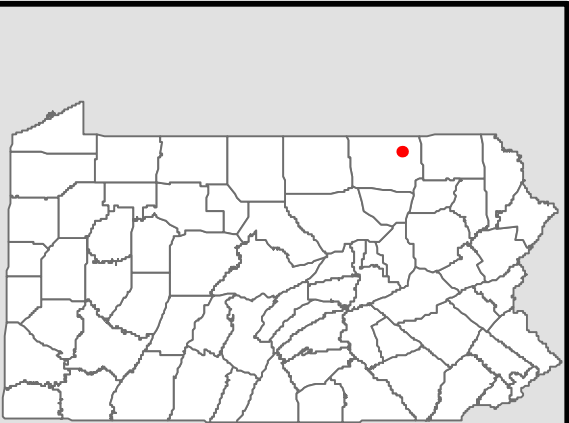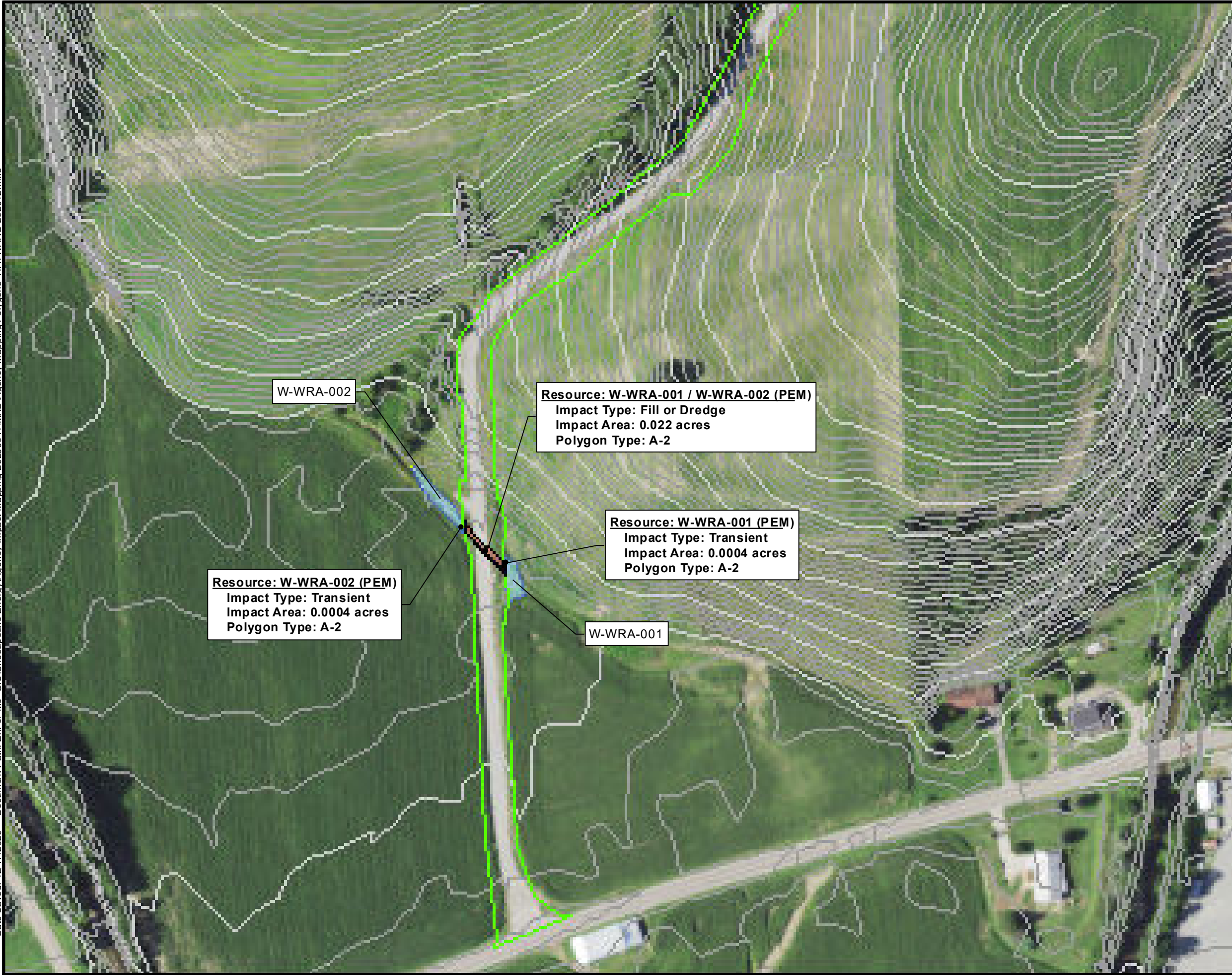
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0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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CHESAPEAKE APPALACHIA LLC
JOHN BARRETT BRA PAD
SITE PLAN

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration

Fill or Dredge

A-1 Polygon

A-2 Polygon

A-2 Impact

MIW-BJT-015

Resource: W-BJT-015 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.064 acres
Polygon Type: A-2

Resource: W-BJT-015 (PEM)
Impact Type: Transient
Impact Area: 0.037 acres
Polygon Type: A-1

W-BJT-015

0   150   300
Feet

0   30   60
Meters

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CHESAPEAKE APPALACHIA LLC
MAY BRA PAD
SITE PLAN

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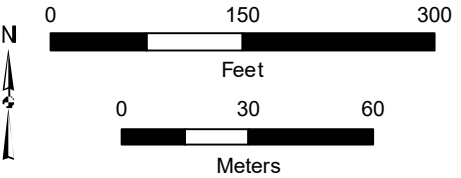
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
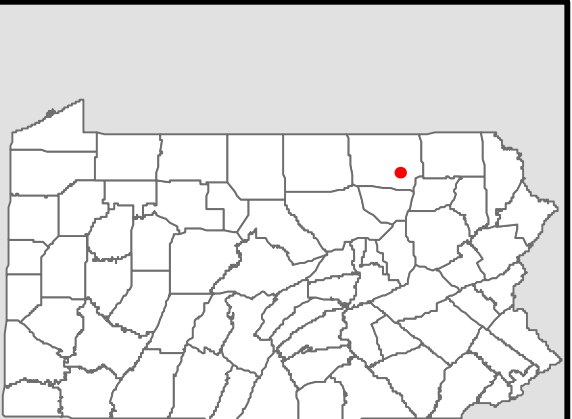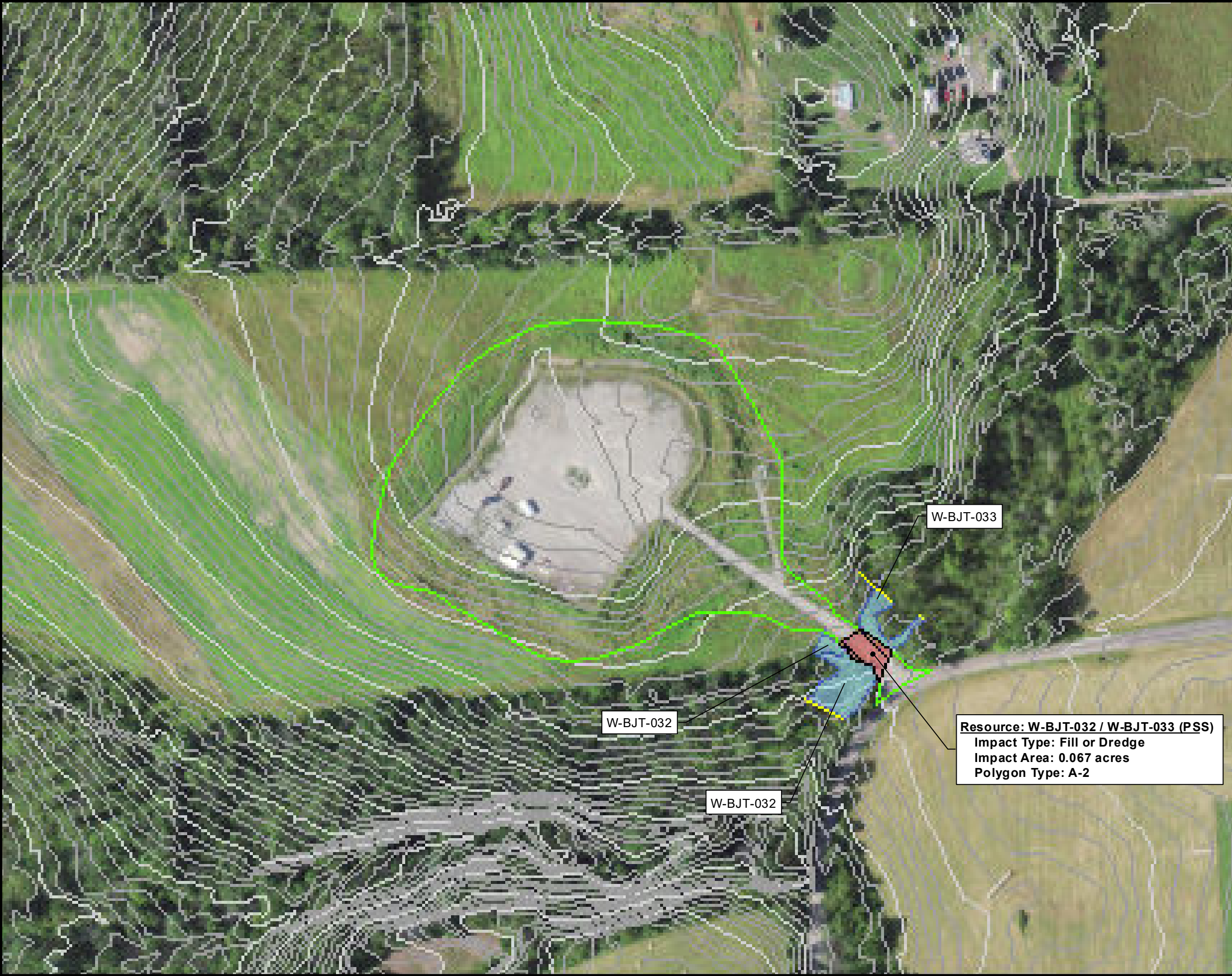- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

MIW-RCL-001

Resource: W-RCL-002 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.084 acres
Polygon Type: A-1

W-RCL-002

W-RCL-002

N

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
MILLER BRA PAD
SITE PLAN

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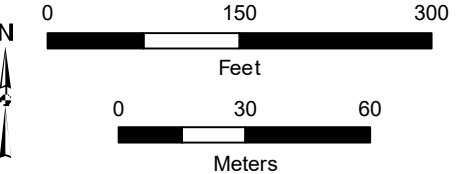
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

☐ Limits of Disturbance
— Watercourse
— Stormwater Feature (SF)
☐ Wetland
☐ Man-Induced Wetland (MIW)
— Open-End

Estimated Impact Area

☐ Transient
☐ Habitat Alteration
☐ Fill or Dredge
☐ A-1 Polygon
☐ A-2 Polygon
— A-2 Impact

Resource: W-BJT-034 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.024 acres
Polygon Type: A-1

Resource: W-BJT-034 (PEM)
Impact Type: Transient
Impact Area: 0.084 acres
Polygon Type: A-1

W-BJT-034

0   150   300
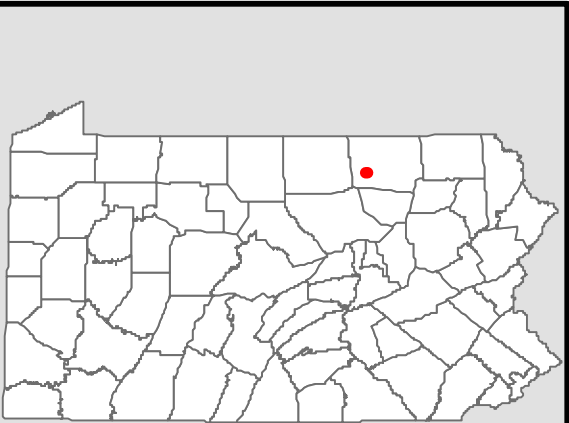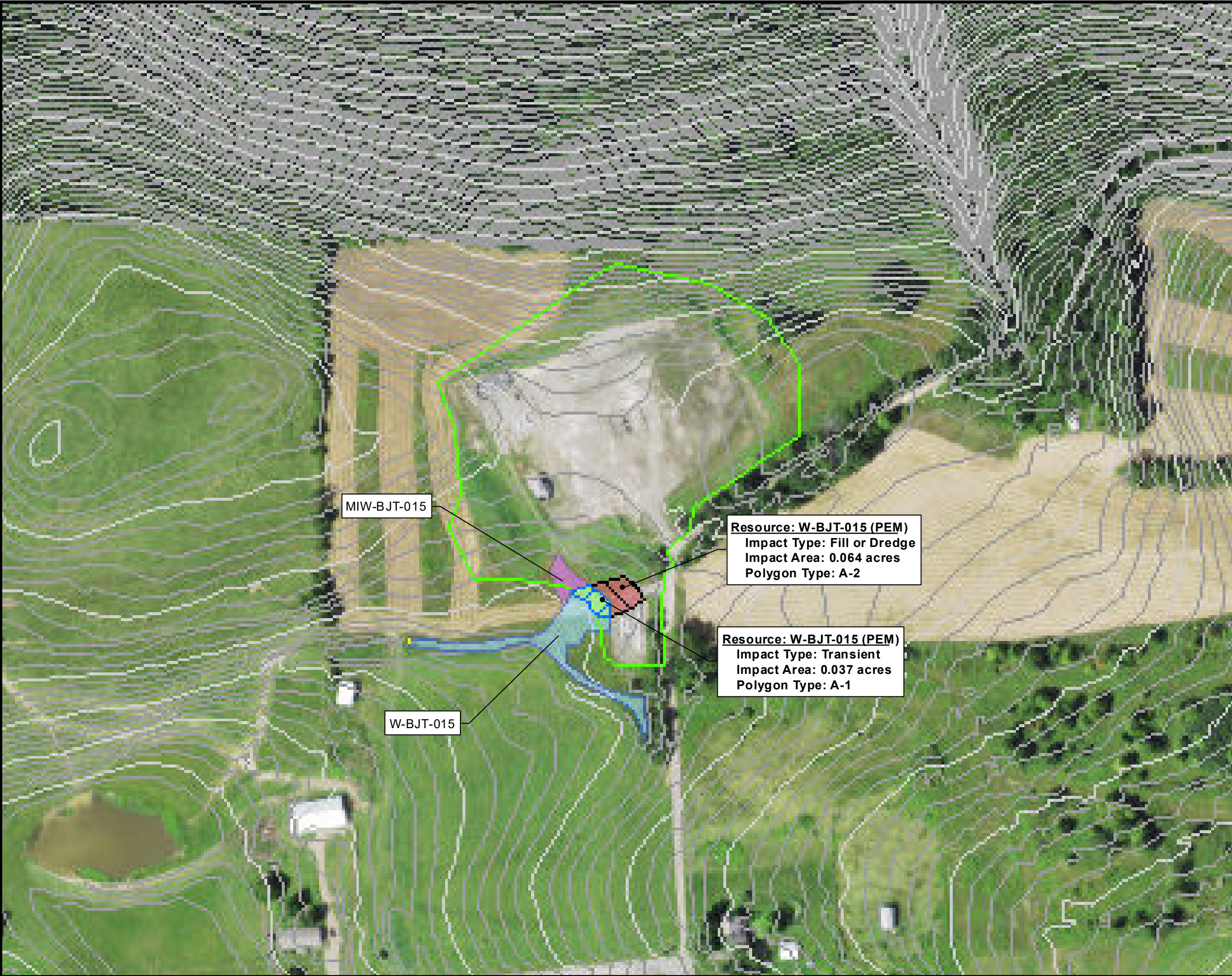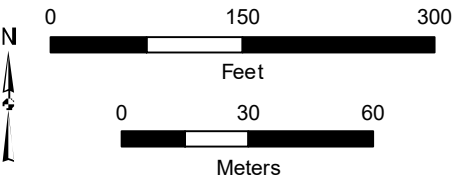Feet

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CHESAPEAKE APPALACHIA LLC
OTTEN BRA PAD
SITE PLAN

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ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

Resource: W-WRA-005 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.649 acres
Polygon Type: A-2

Resource: W-WRA-005 (PEM)
Impact Type: Transient
Impact Area: 0.111 acres
Polygon Type: A-1

W-WRA-005

0   150   300
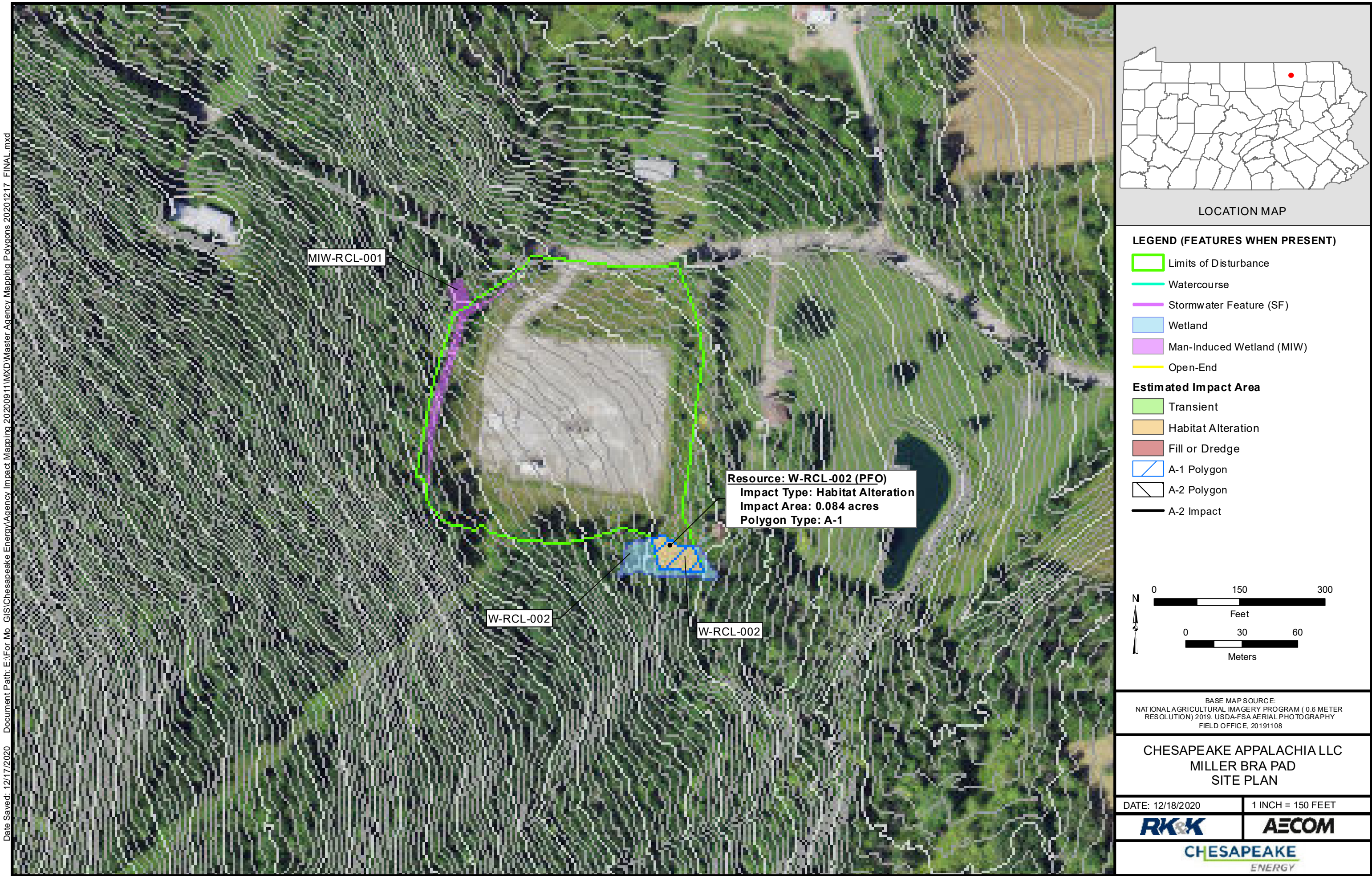Feet

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FIELD OFFICE, 20191108

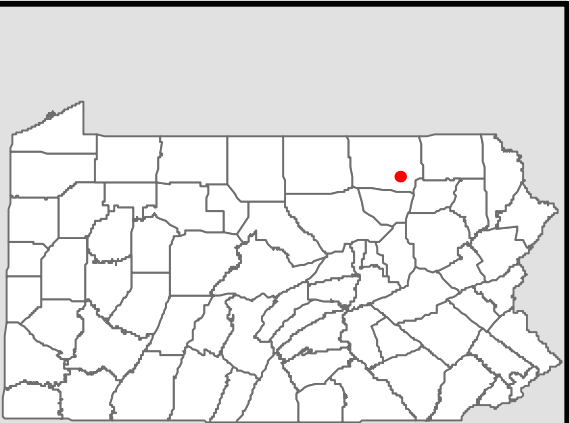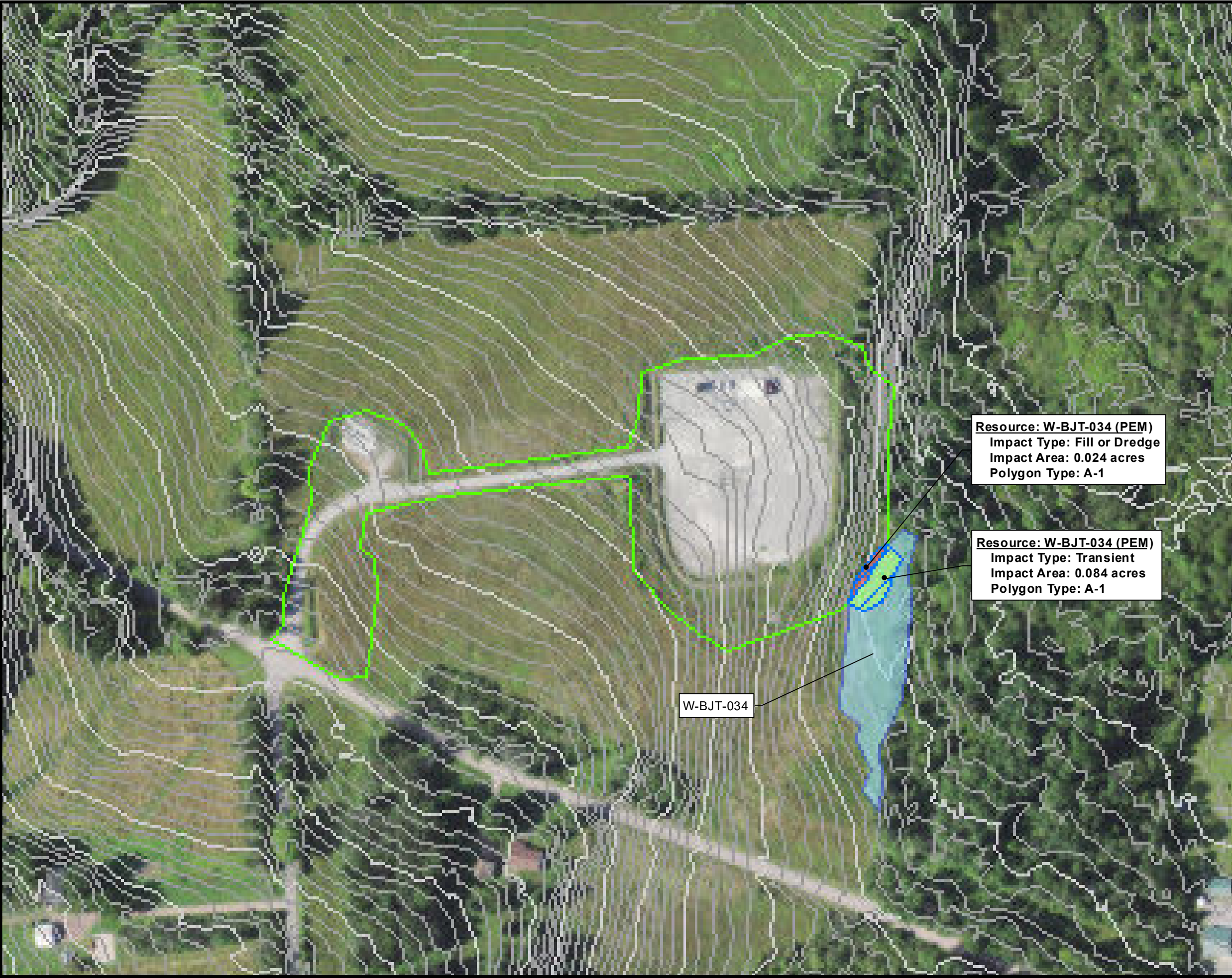CHESAPEAKE APPALACHIA LLC
REXFORD BRA PAD
SITE PLAN

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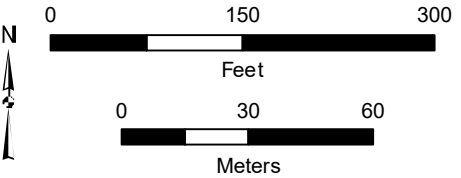
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

Resource: Rylee (PEM)
Impact Type: Fill or Dredge
Impact Area: 2.310 acres
Polygon Type: A-2

Resource: W-BJT-211 (PSS)
Impact Type: Habitat Alteration
Impact Area: 0.022 acres
Polygon Type: A-1

W-BJT-211

W-BJT-211

W-BJT-211

Resource: Rylee (PFO)
Impact Type: Fill or Dredge
Impact Area: 1.190 acres
Polygon Type: A-1

N

0   150   300
Feet

0   30   60
Meters

CHESAPEAKE APPALACHIA LLC
RYLEE SUS PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

0   150   300
Feet

0   30   60
Meters

CHESAPEAKE APPALACHIA LLC
RYLEE SUS PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

Resource: W-RCL-003 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.014 acres
Polygon Type: A-1

W-RCL-003

0   150   300
Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
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FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
SHARER BRA PAD
SITE PLAN

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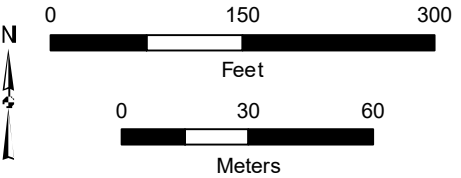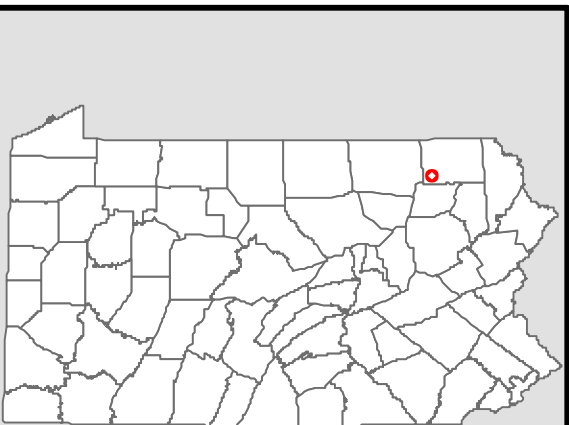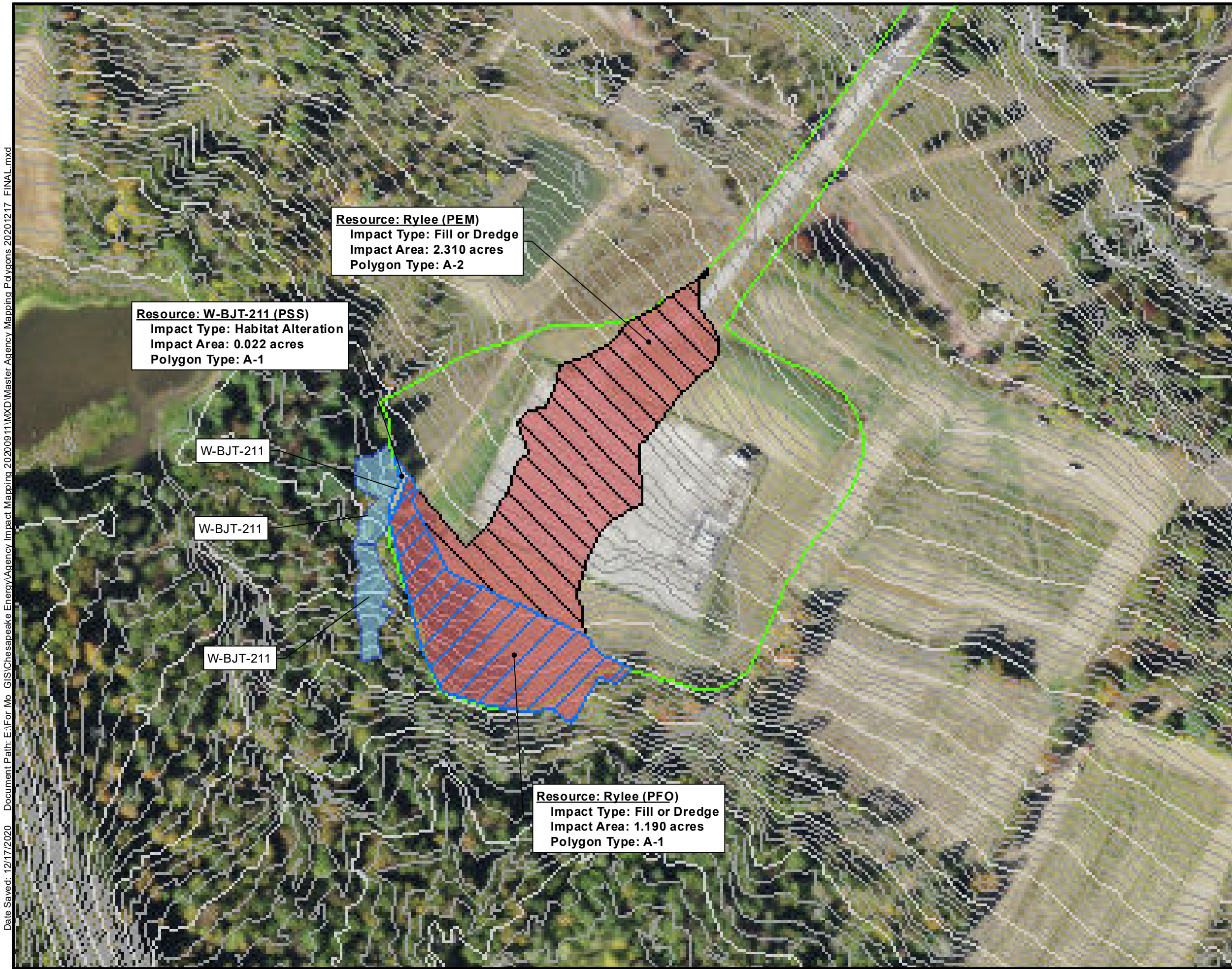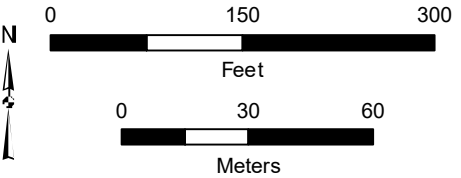
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

Resource: W-BJT-041 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.054 acres
Polygon Type: A-2

W-BJT-041

S-BJT-023

0   150   300
Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
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CHESAPEAKE APPALACHIA LLC
STALFORD BRA PAD
SITE PLAN

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration

Fill or Dredge

A-1 Polygon

A-2 Polygon

A-2 Impact

W-WRA-001

Resource: W-WRA-001 (PEM)
Impact Type: Transient
Impact Area: 0.013 acres
Polygon Type: A-1

Resource: W-WRA-001 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.070 acres
Polygon Type: A-2

Resource: W-WRA-001 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.184 acres
Polygon Type: A-1

MIW-WRA-001

SF-WRA-002

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

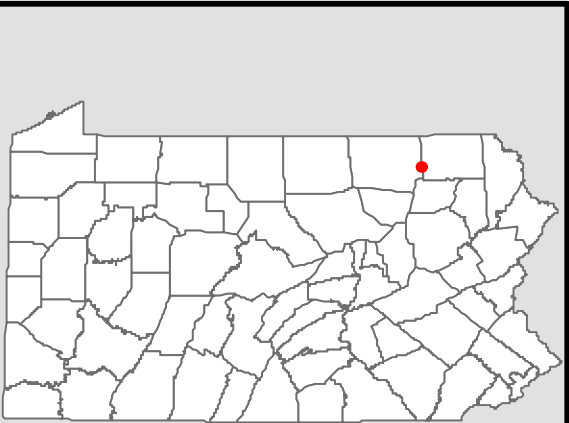CHESAPEAKE APPALACHIA LLC
TREAT BRA PAD
SITE PLAN

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CHESAPEAKE
ENERGY

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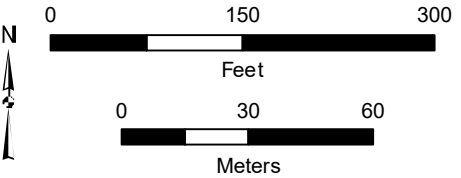
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration

Fill or Dredge

A-1 Polygon

A-2 Polygon

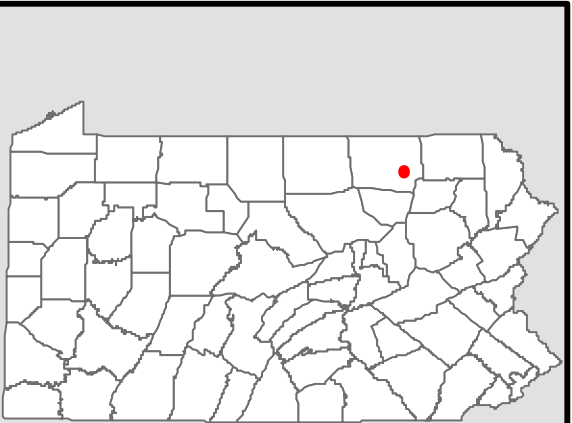A-2 Impact

0   150   300

Feet

0   30   60

Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
TREAT BRA PAD
SITE PLAN

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CHESAPEAKE
ENERGY

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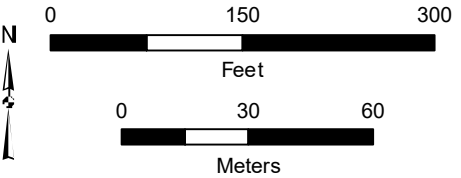
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
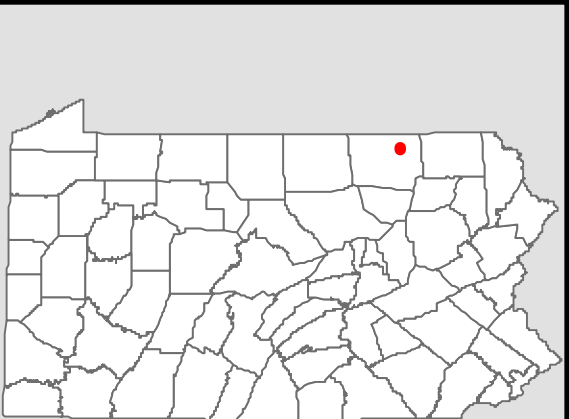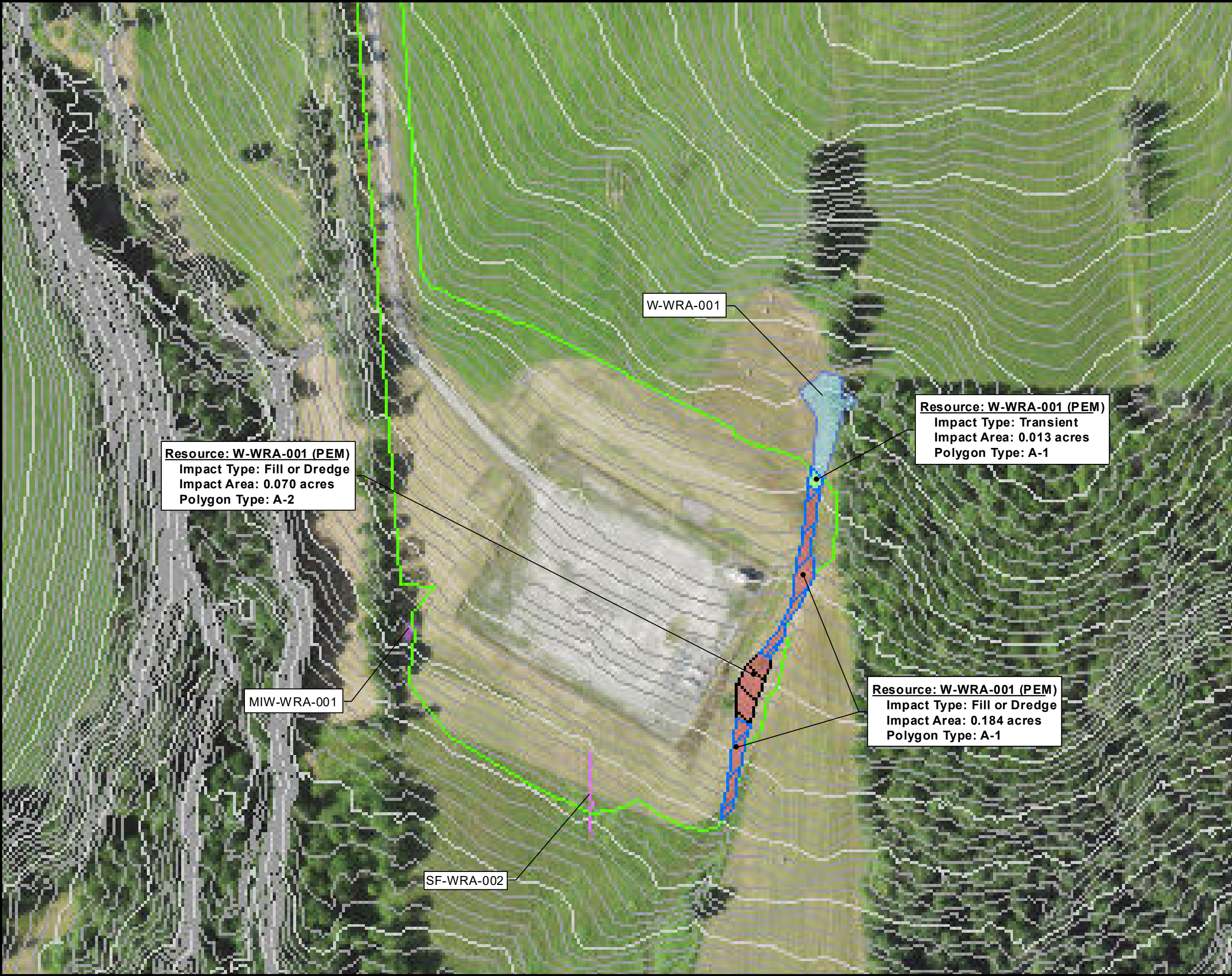Feet

0   30   60
Meters

BASE MAP SOURCE:
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FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
WAY BRA PAD
SITE PLAN

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CHESAPEAKE ENERGY

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

— Limits of Disturbance
— Watercourse
— Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
— Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
— A-2 Impact

W-MAB-001

W-MAB-001

W-MAB-001

Resource: W-MAB-001 (PEM)
Impact Type: Transient
Impact Area: 0.022 acres
Polygon Type: A-1

Resource: W-MAB-001 (PFO)
Impact Type: Fill or Dredge
Impact Area: 0.002 acres
Polygon Type: A-2

N

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
WAY BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

RK&K   AECOM

CHESAPEAKE
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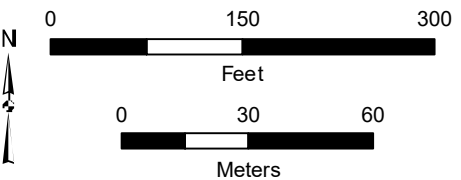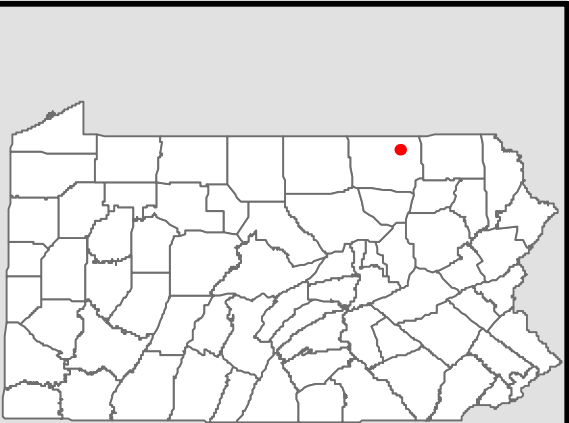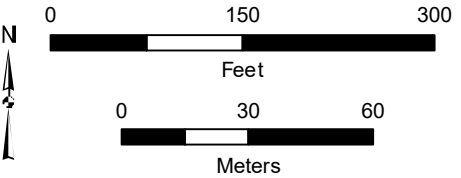
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
WELLES 2 BRA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

RK&K   AECOM

CHESAPEAKE
ENERGY

S-BJT-022

Resource: S-BJT-022 (INT)
Impact Type: Fill or Dredge
Impact Length: 29 feet
Polygon Type: A-2

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration

Fill or Dredge

A-1 Polygon

A-2 Polygon

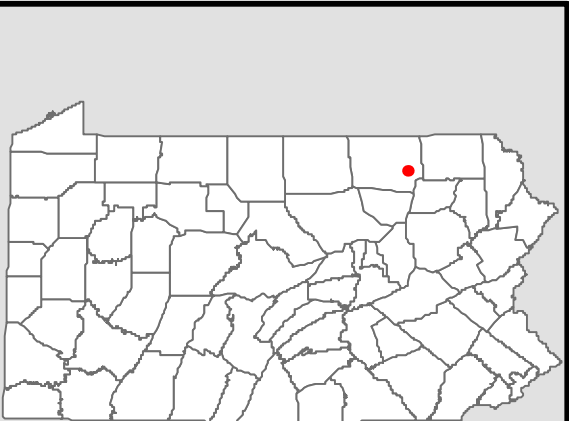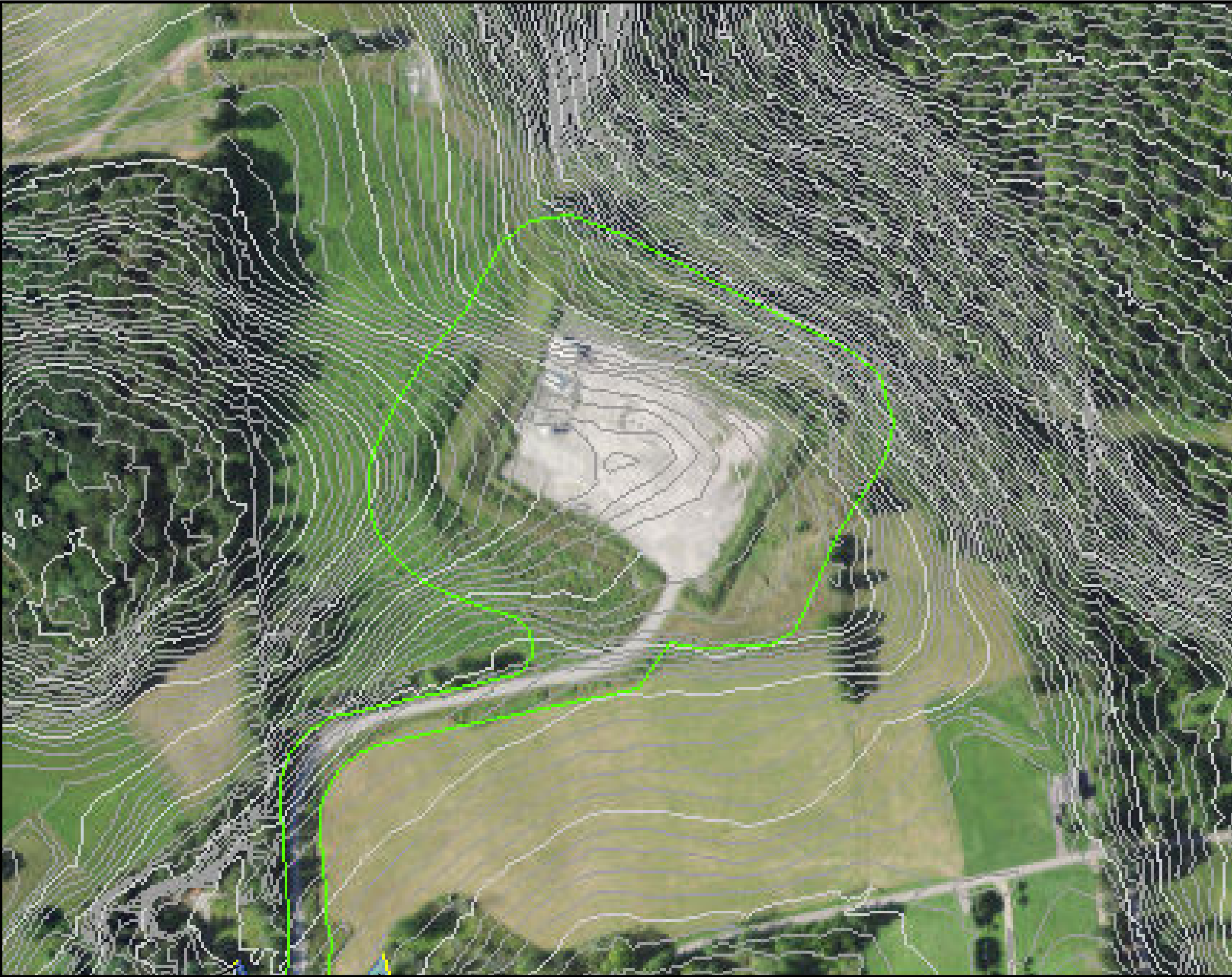A-2 Impact

0   150   300
Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
WELLES 2 BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

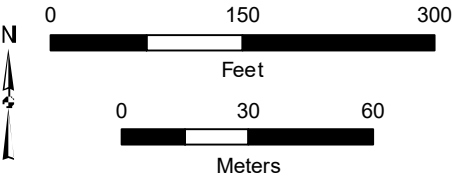RK&K   AECOM

CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

S-BJT-022

Resource: S-BJT-022 (INT)
Impact Type: Fill or Dredge
Impact Length: 29 feet
Polygon Type: A-2

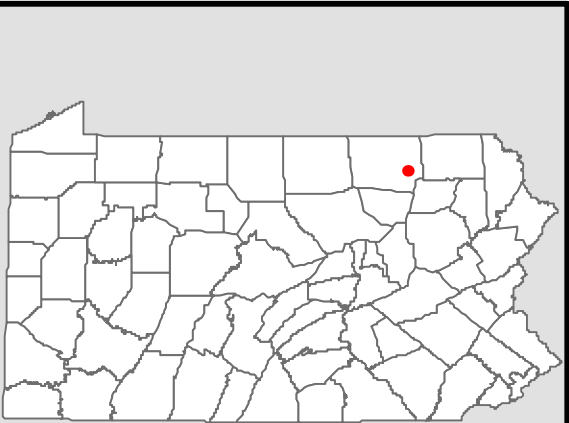0   150   300
Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
WELLES 2 BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
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Resource: W-RCL-002 (PEM)
Impact Type: Fill or Dredge
Impact Area: 1.048 acres
Polygon Type: A-2

Resource: W-RCL-002 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.320 acres
Polygon Type: A-1

W-RCL-003

W-RCL-002

W-RCL-002

Resource: W-RCL-003 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.020 acres
Polygon Type: A-1

Resource: W-RCL-003 (PEM)
Impact Type: Fill or Dredge
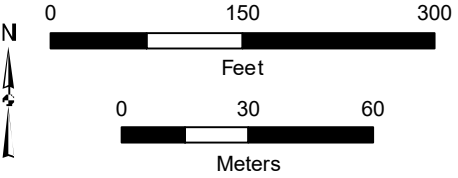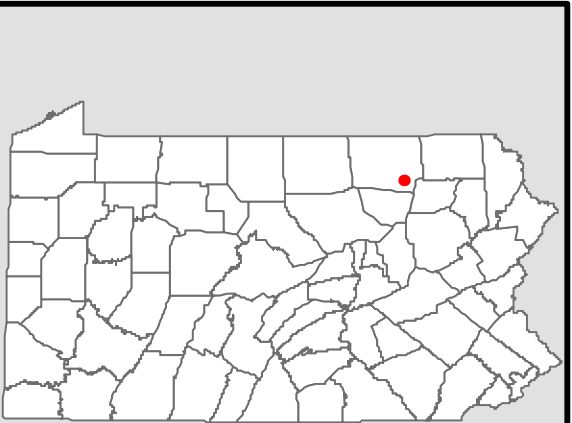**Impact Area: 0.023 acres**
Polygon Type: A-2

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)
- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area
- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
Feet

0   30   60
Meters

N

CHESAPEAKE APPALACHIA LLC
WHITE SUS PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

RK&K   **AECOM**

CHESAPEAKE ENERGY

Resource: W-CMG-035 (PFO)
Impact Type: Transient
Impact Area: 0.004 acres
Polygon Type: A-2

W-CMG-034

Resource: W-CMG-034 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.082 acres
Polygon Type: A-2

W-CMG-035

Resource: W-CMG-034 / W-CMG-035 (PFO)
Impact Type: Fill or Dredge
Impact Area: 0.025 acres
Polygon Type: A-2

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
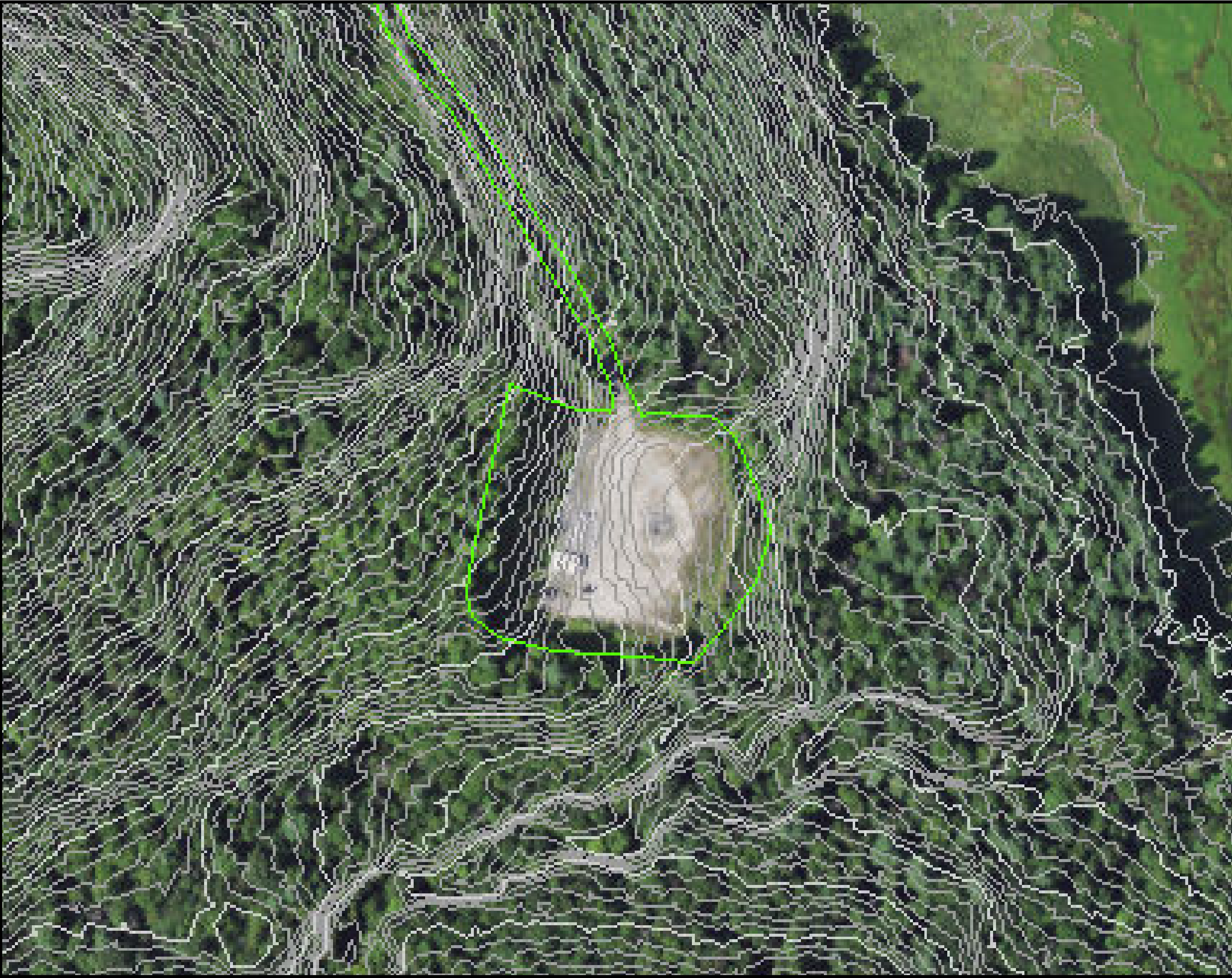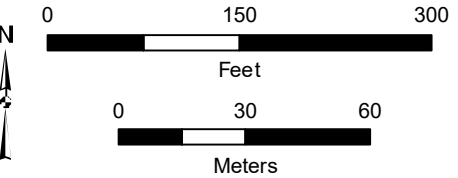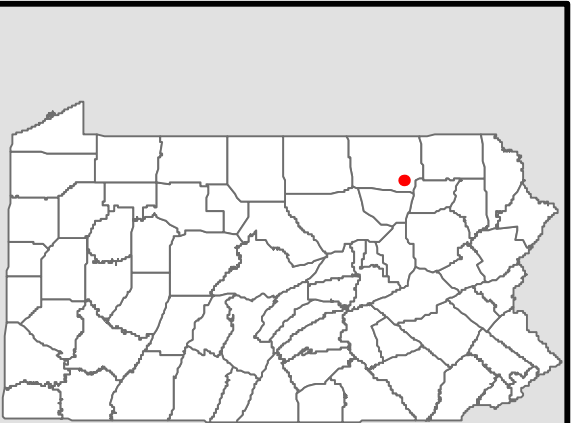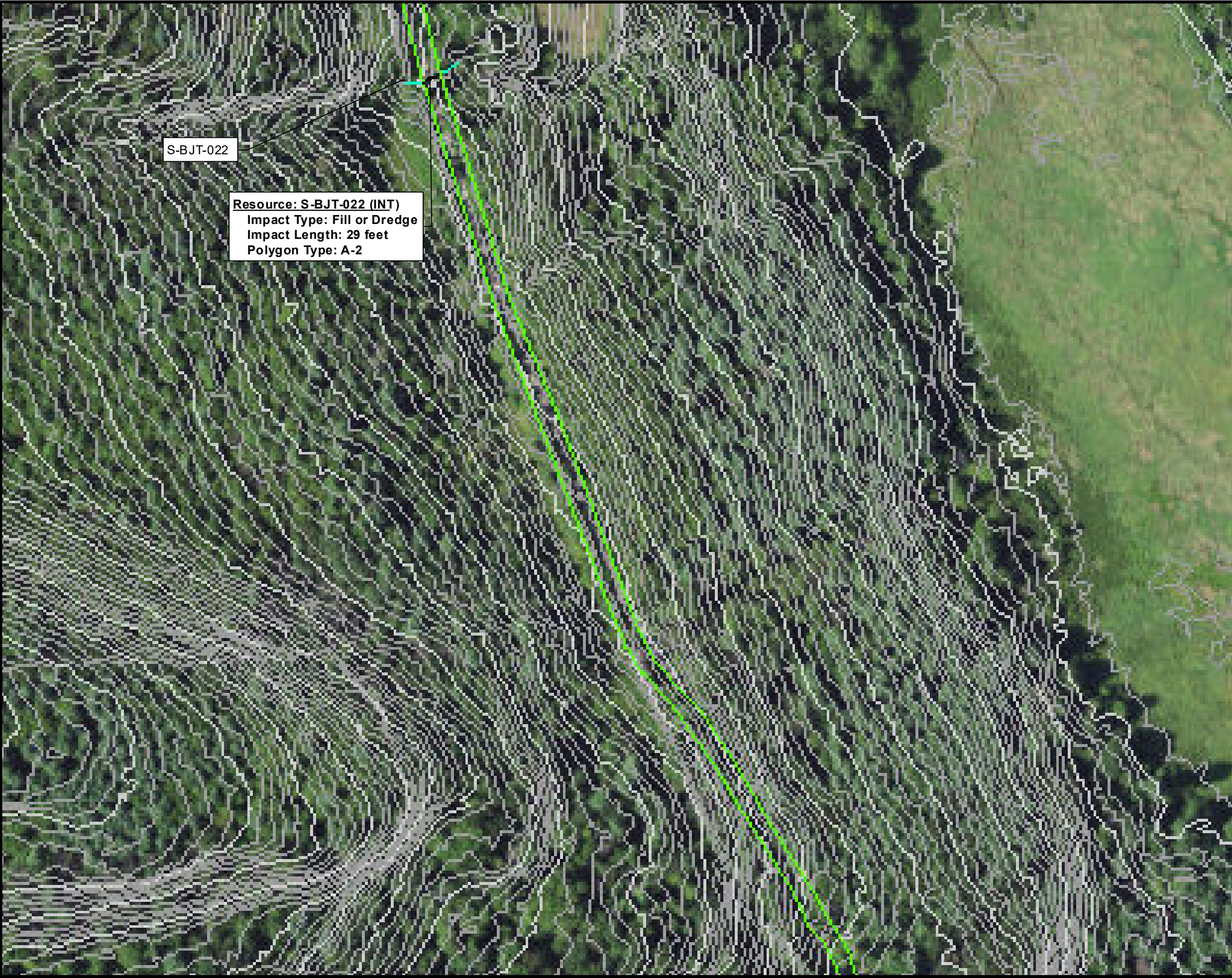RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
CTG BEA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

Resource: W-CMG-034 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.082 acres
Polygon Type: A-2

0   150   300
Feet

0   30   60
Meters

CHESAPEAKE APPALACHIA LLC
CTG BEA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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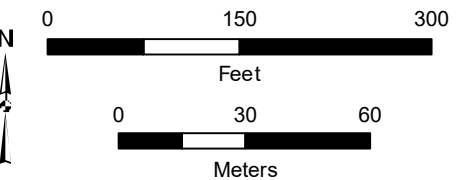
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
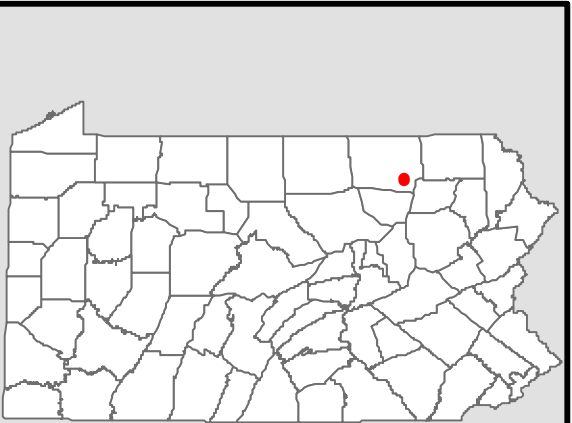Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
CTG BEA PAD
SITE PLAN

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LOCATION MAP

Resource: W-JLK-203 (PFO)
Impact Type: Fill or Dredge
Impact Area: 0.079 acres
Polygon Type: A-2

MIW-JLK-203

Resource: W-JLK-202 / W-JLK-205 (PFO)
Impact Type: Fill or Dredge
Impact Area: 0.033 acres
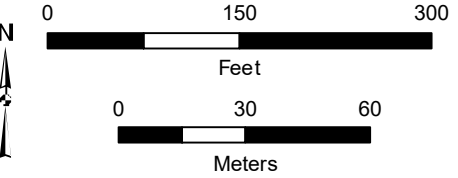**Polygon Type: A-2**

W-JLK-205

W-JLK-203

MIW-JLK-202

LEGEND (FEATURES WHEN PRESENT)
- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area
- Transient
- Habitat Alteration
- Fill or Dredge
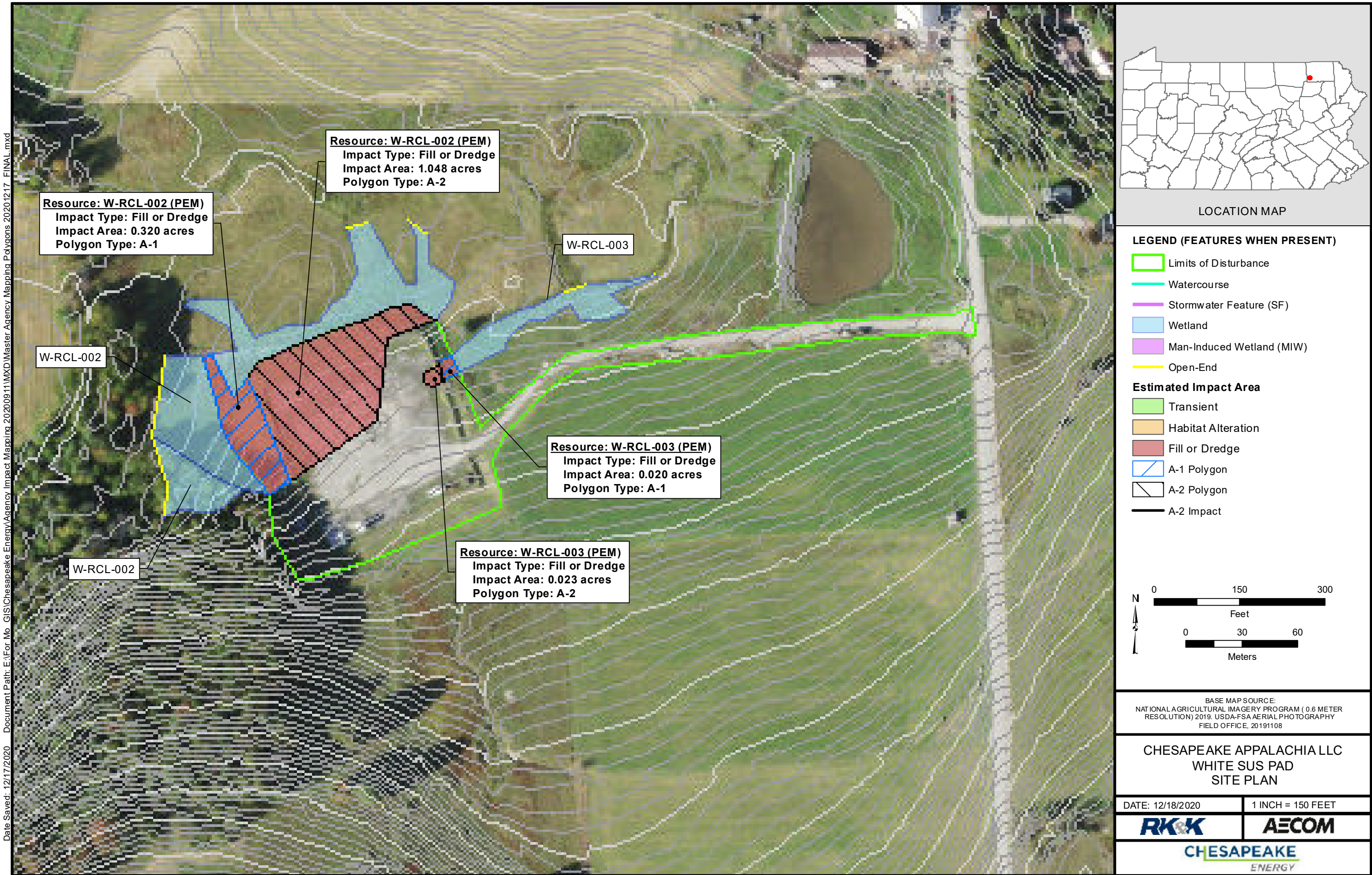- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
Feet

0   30   60
Meters

CHESAPEAKE APPALACHIA LLC
KERRY BEA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE ENERGY

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

MIW-JLK-203

Resource: W-JLK-202 / W-JLK-205 (PFO)
Impact Type: Fill or Dredge
Impact Area: 0.033 acres
Polygon Type: A-2

MIW-JLK-205

W-JLK-205

MIW-JLK-206

W-JLK-201

W-JLK-203

W-JLK-202

MIW-JLK-202

Resource: W-JLK-202 (PFO)
Impact Type: Transient
Impact Area: 0.146 acres
Polygon Type: A-2

Resource: W-JLK-205 (PFO)
Impact Type: Transient
Impact Area: 0.010 acres
Polygon Type: A-2

0   150   300
Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108
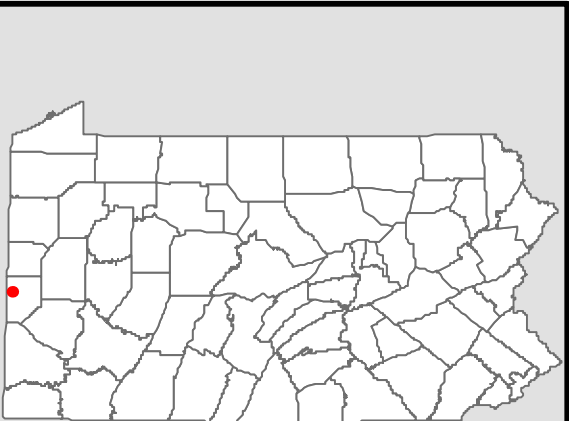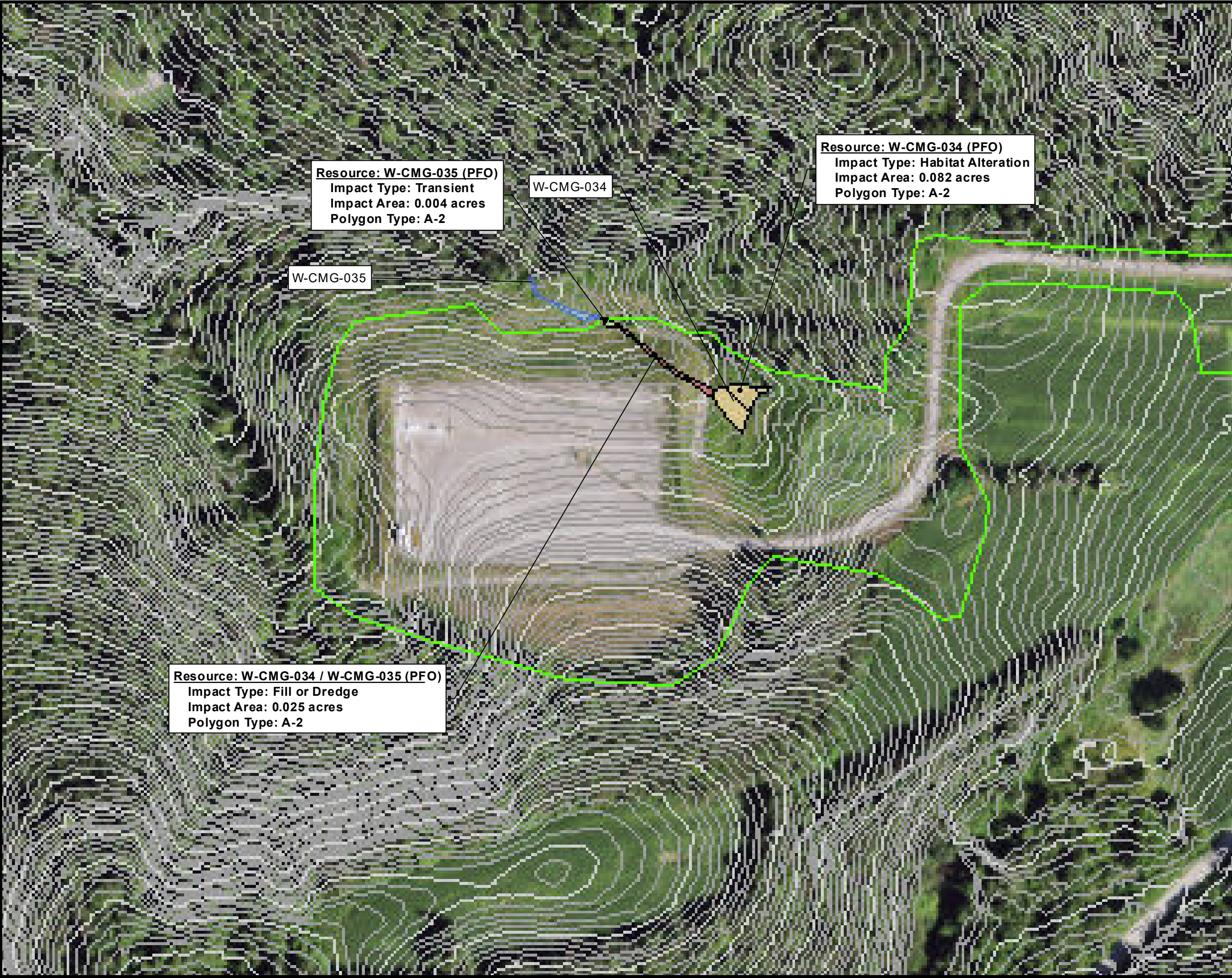
CHESAPEAKE APPALACHIA LLC
KERRY BEA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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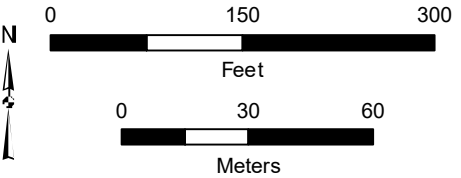
Resource: W-BJT-289 (PEM)
Impact Type: Transient
Impact Area: 0.085 acres
Polygon Type: A-1

MIW-BJT-290

W-BJT-289

MIW-MAB-038

Resource: W-MAB-106 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.071 acres
Polygon Type: A-2

W-MAB-106

Resource: W-BJT-293 / W-MAB-106 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.073 acres
Polygon Type: A-1

Resource: W-MAB-106 (PEM)
Impact Type: Transient
Impact Area: 0.009 acres
Polygon Type: A-1

Resource: W-BJT-293 (PEM)
Impact Type: Transient
Impact Area: 0.074 acres
Polygon Type: A-1

W-BJT-293

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

N

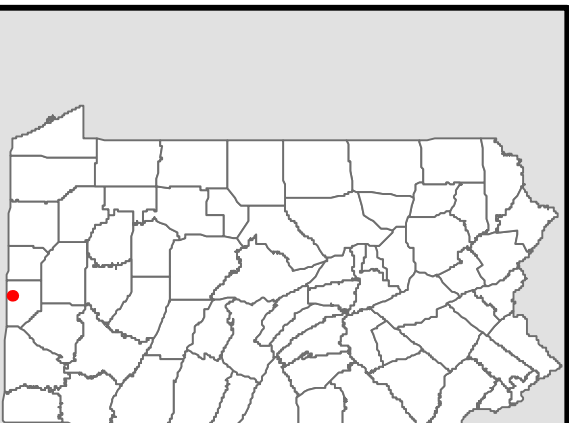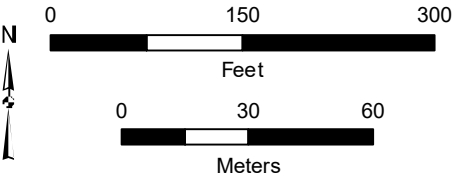0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
ACW BRA PAD
SITE PLAN

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ENERGY

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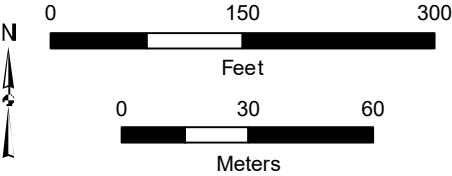
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

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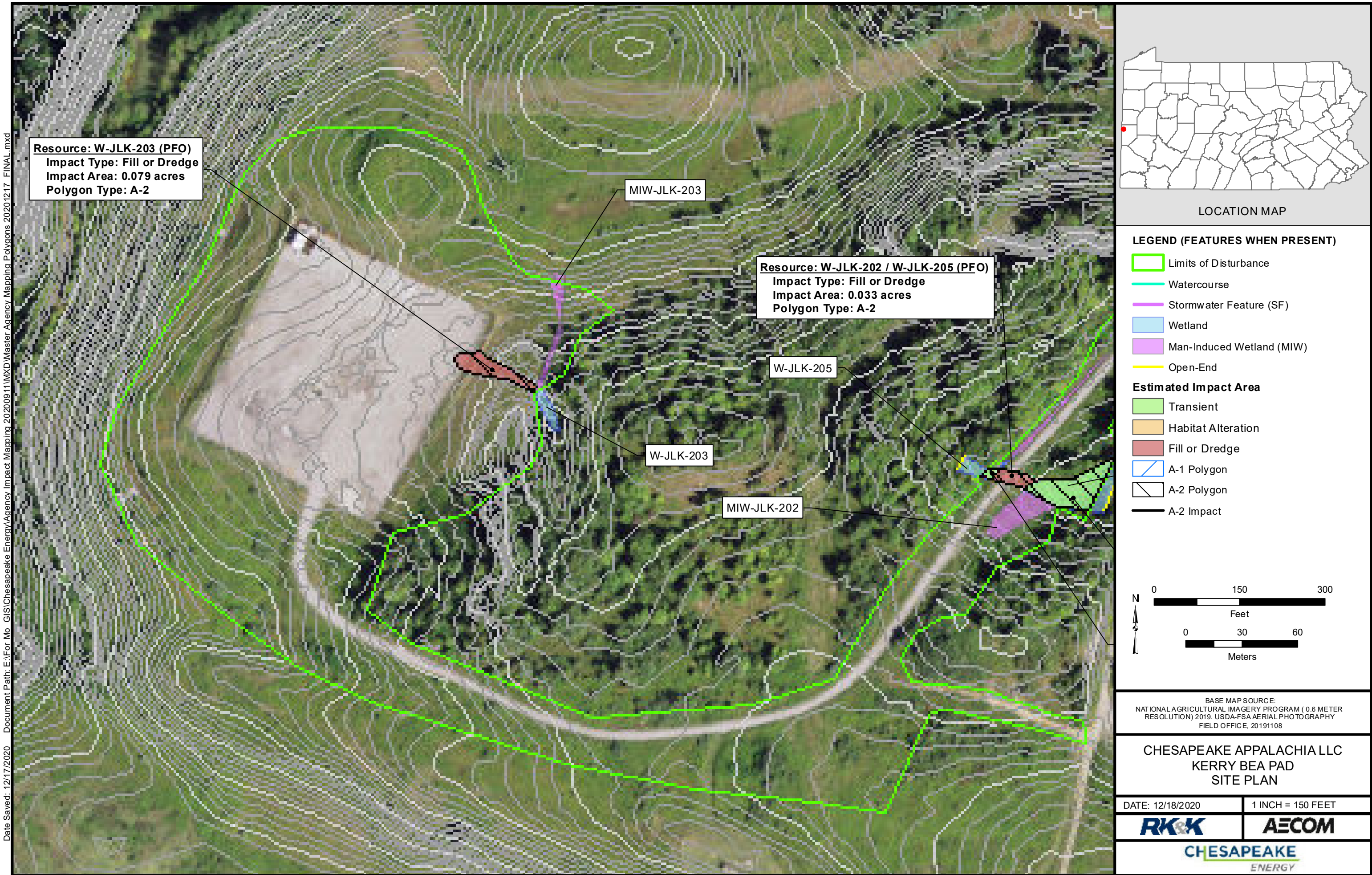Feet

0   30   60
Meters

BASE MAP SOURCE:
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CHESAPEAKE APPALACHIA LLC
ALEXANDER BRA PAD
SITE PLAN

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

W-JLK-110

W-JLK-110

MIW-JLK-109

MIW-JLK-108

Resource: W-JLK-110 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.059 acres
Polygon Type: A-1

Resource: W-JLK-110 (PEM)
Impact Type: Transient
Impact Area: 0.020 acres
Polygon Type: A-1

N

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
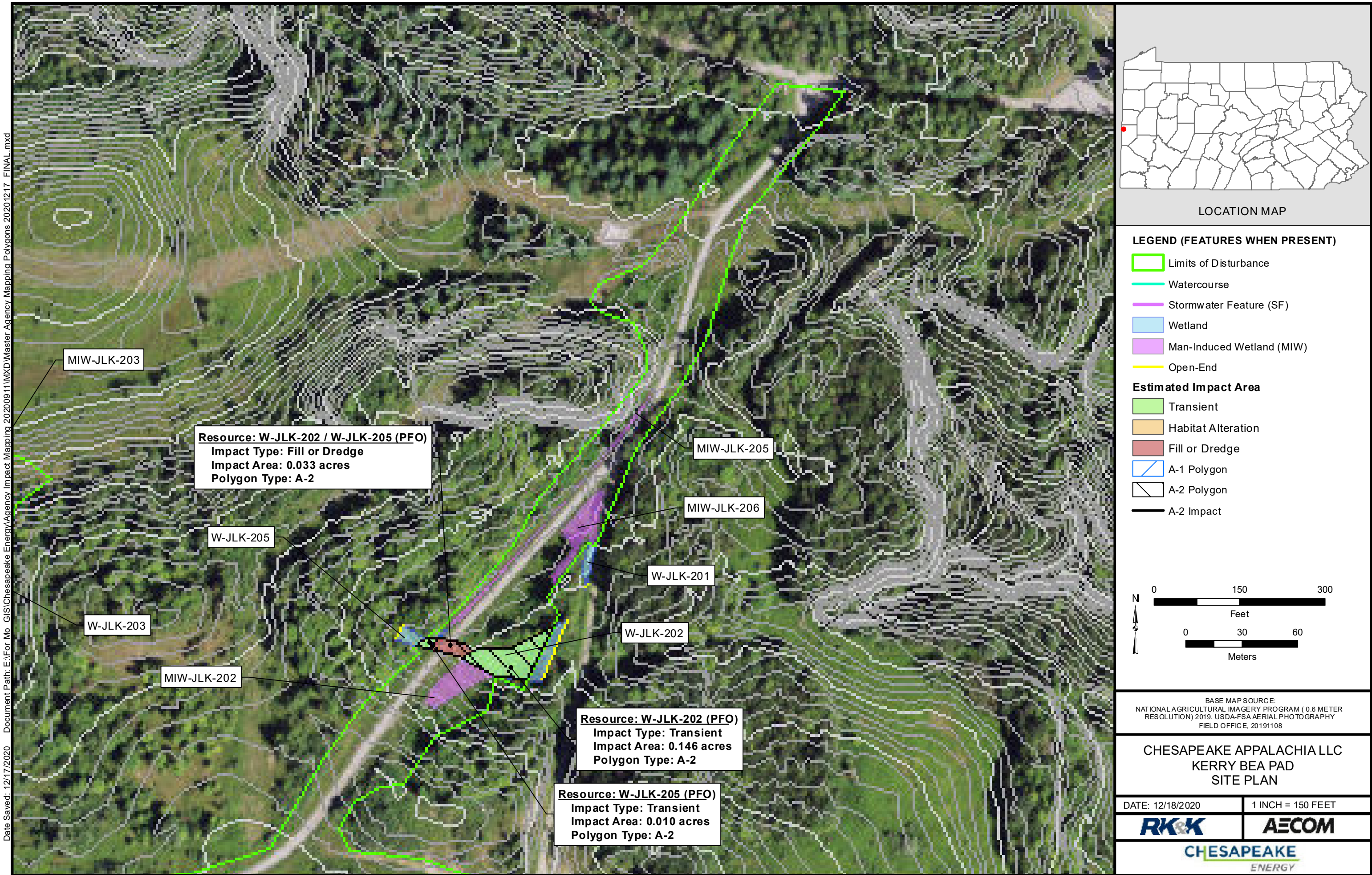FIELD OFFICE, 20191108

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ALEXANDER BRA PAD
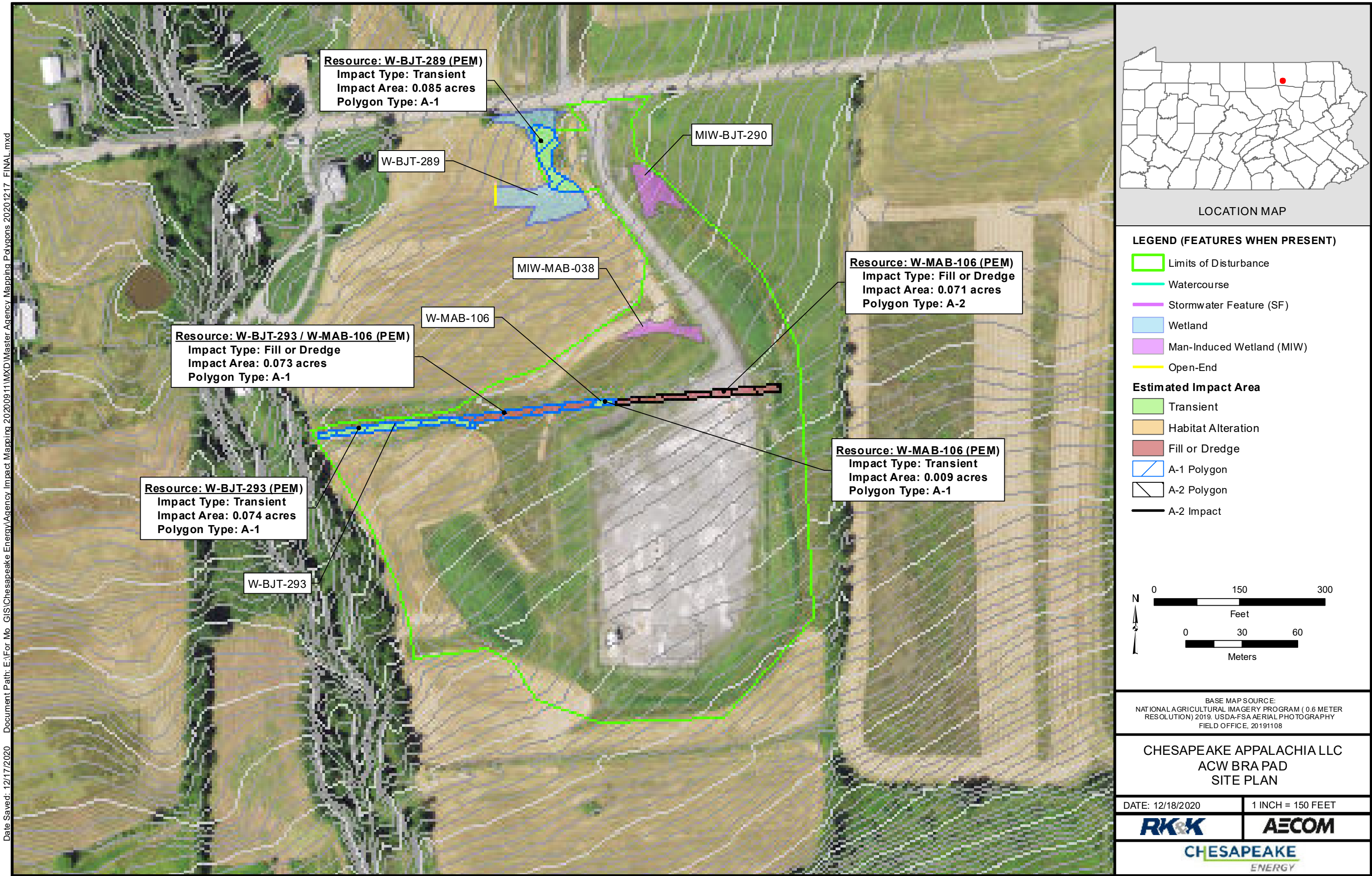SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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ENERGY

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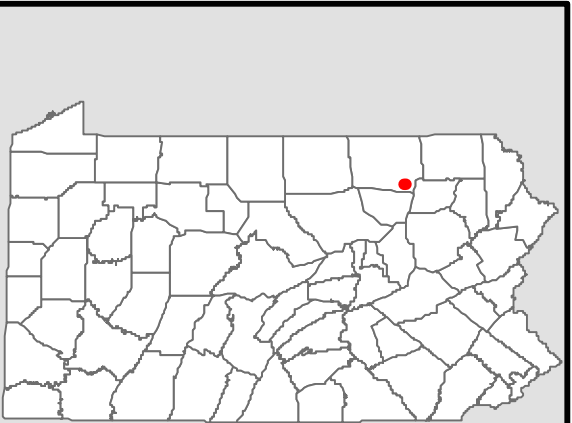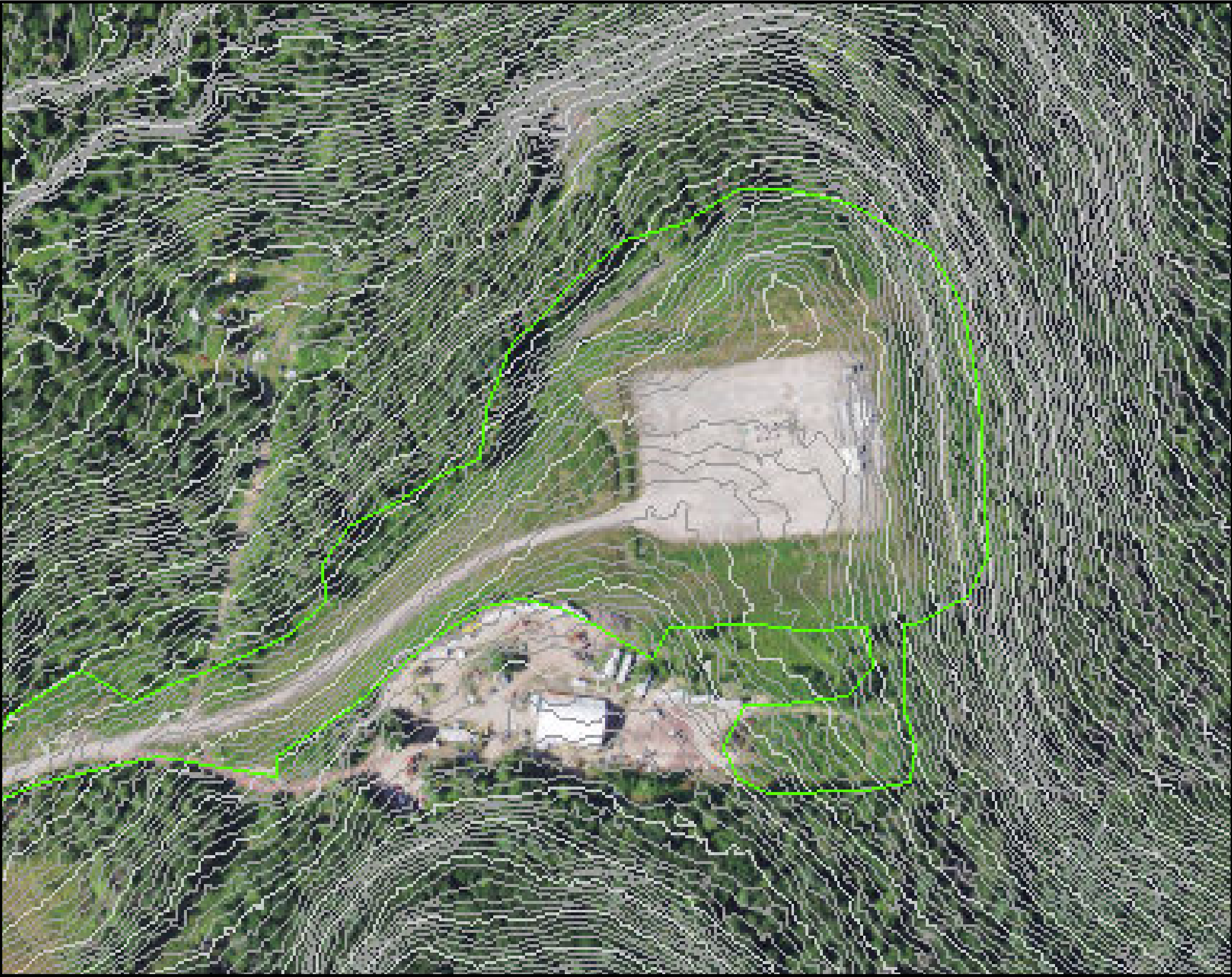
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

W-WRA-008

Resource: W-WRA-008 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.096 acres
Polygon Type: A-2

W-WRA-009

W-WRA-013

Resource: S-WRA-005 (PER)
Impact Type: Fill or Dredge
Impact Length: 63 feet
Polygon Type: A-2

S-WRA-005

S-WRA-006

MIW-WRA-005

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
AMMERMAN BRA PAD
SITE PLAN

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CHESAPEAKE
ENERGY

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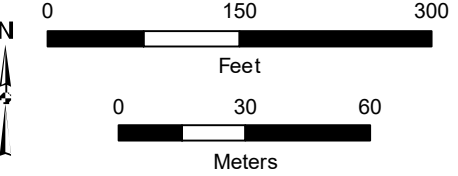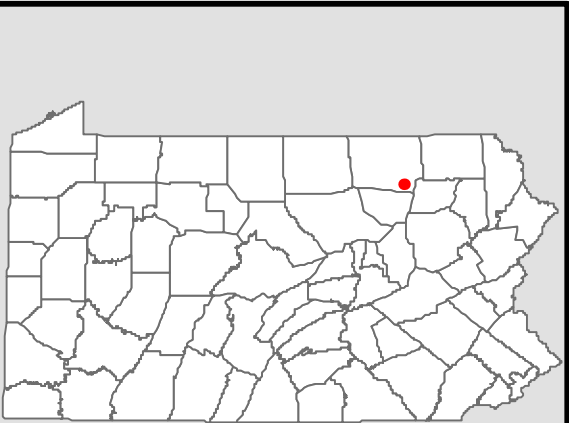
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

Resource: Balent (PSS)
Impact Type: Fill or Dredge
Impact Area: 0.020 acres
Polygon Type: A-1

Resource: Balent (PSS)
Impact Type: Fill or Dredge
Impact Area: 0.020 acres
Polygon Type: A-2
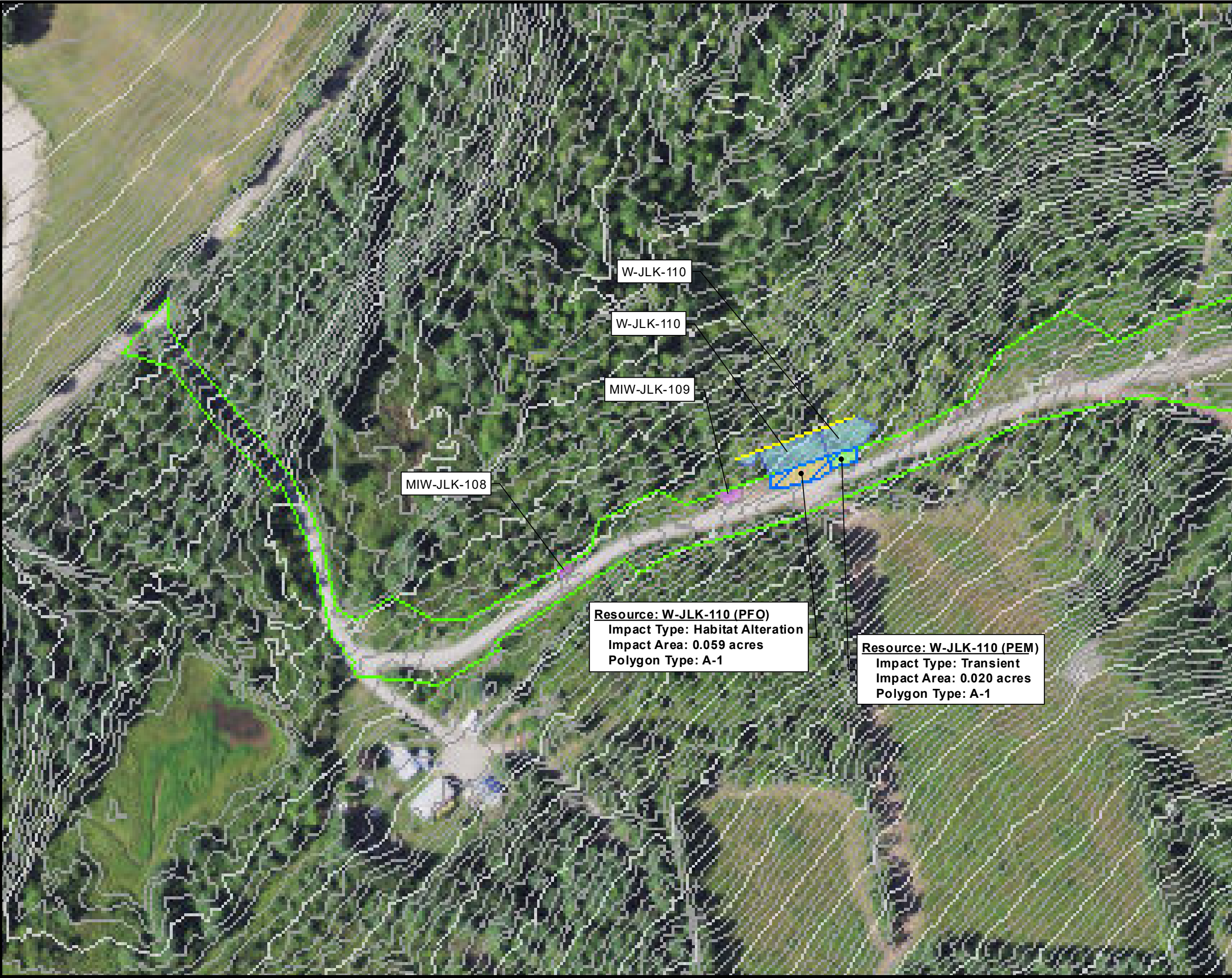
W-SLH-149

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
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CHESAPEAKE APPALACHIA LLC
BALENT BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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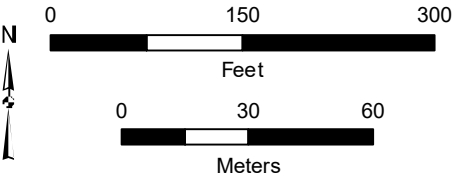
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

MIW-WRA-223

W-WRA-224

MIW-WRA-225

Resource: W-WRA-222 / W-WRA-224 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.010 acres
Polygon Type: A-2

W-WRA-222

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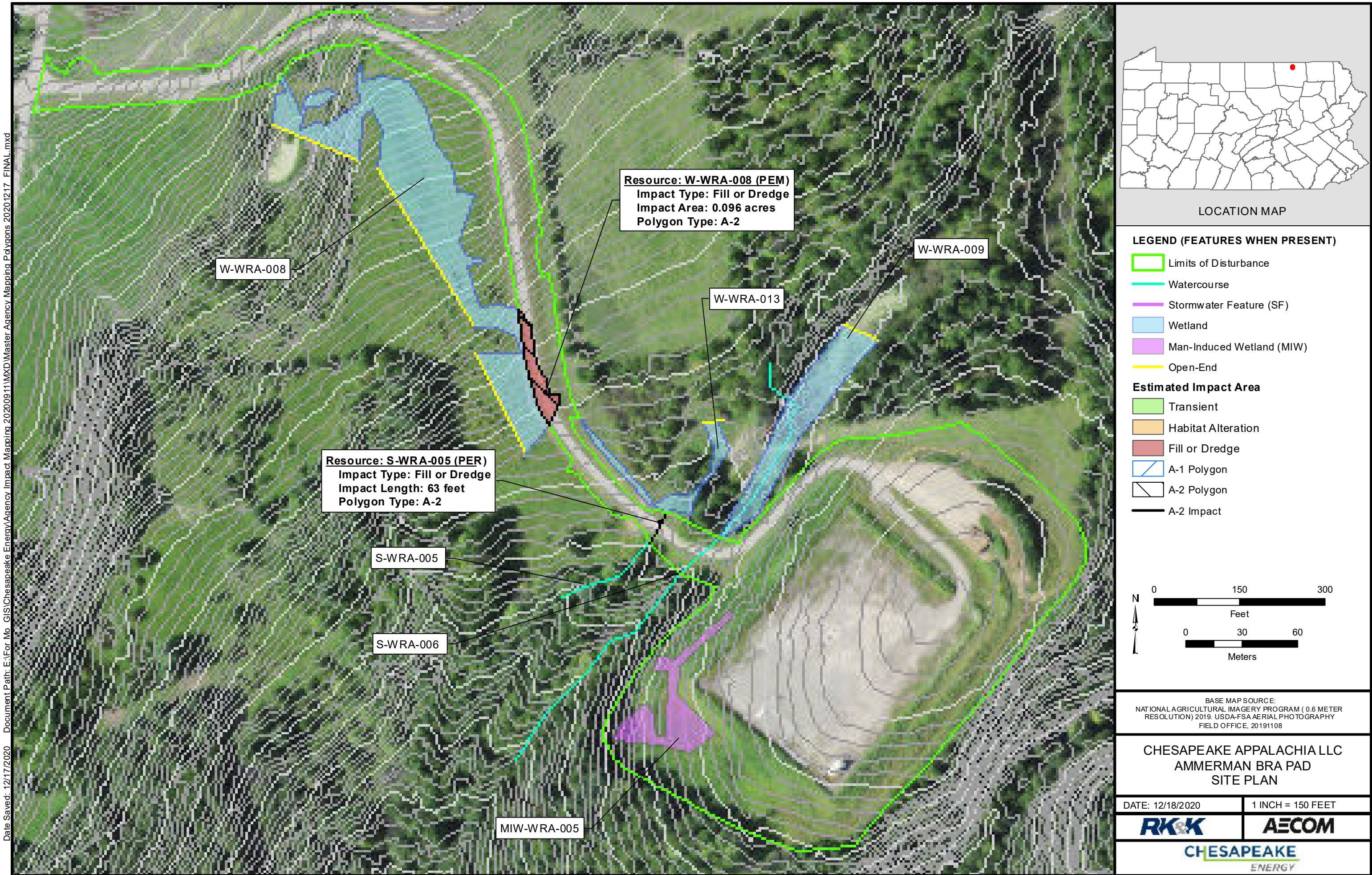0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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FIELD OFFICE, 20191108

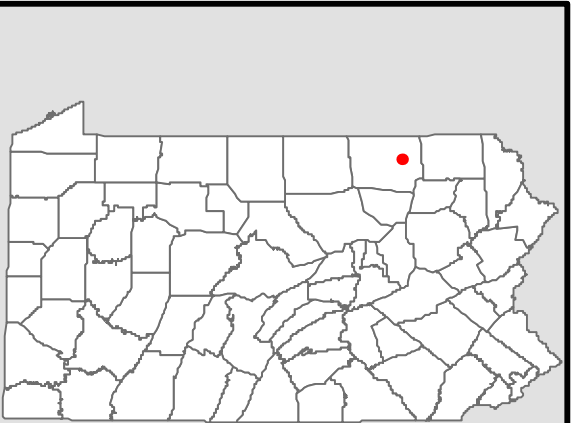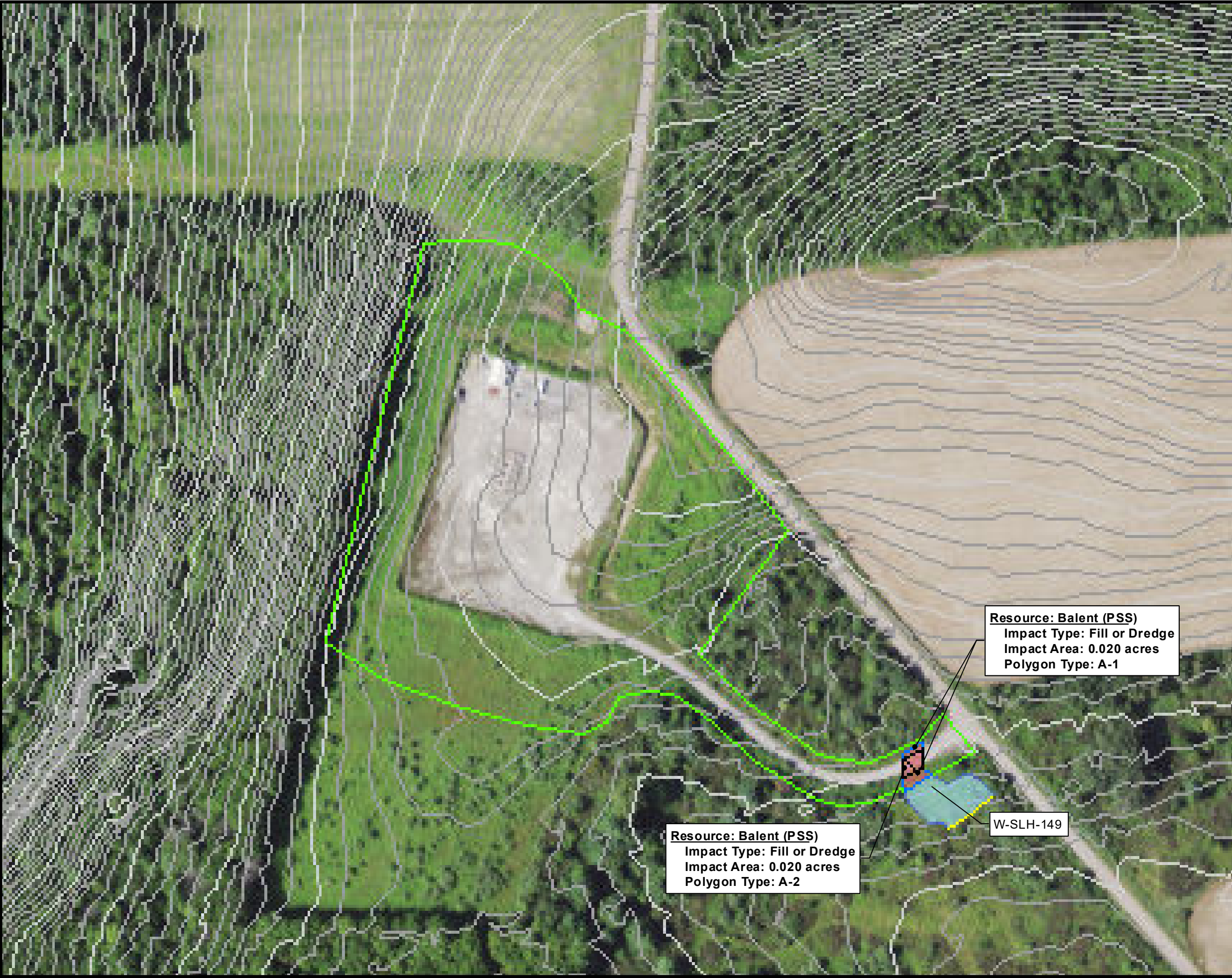CHESAPEAKE APPALACHIA LLC
BARTHOLOMEW BRA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

RK&K   AECOM

CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
BENNETT BRA PAD
SITE PLAN

DATE: 12/18/2020	1 INCH = 150 FEET

RK&K   **AECOM**

CHESAPEAKE
ENERGY

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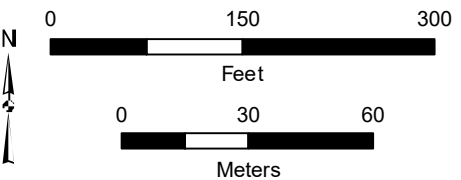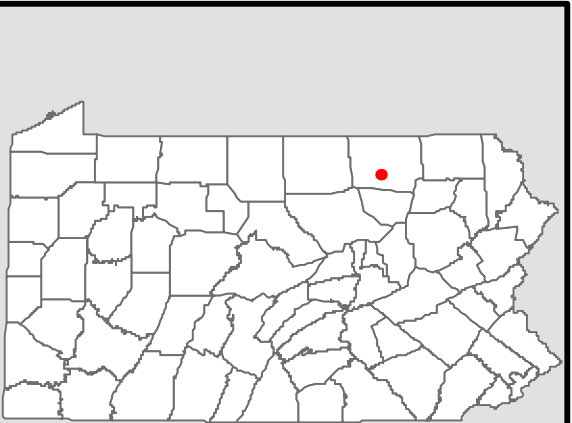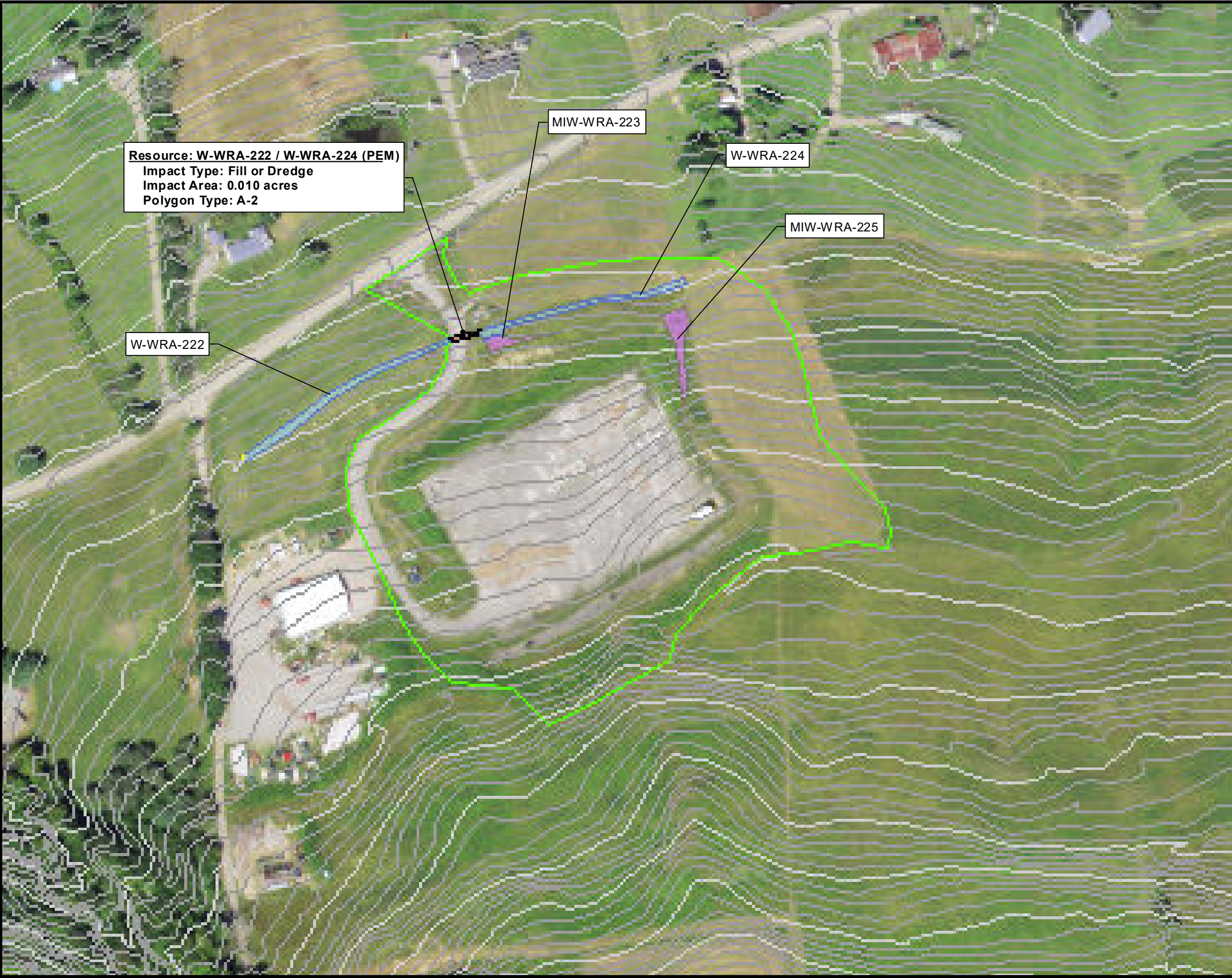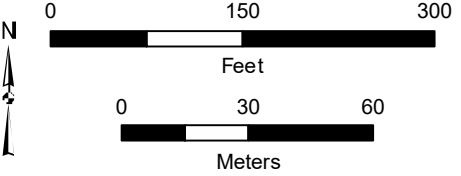
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration

Fill or Dredge

A-1 Polygon

A-2 Polygon

A-2 Impact

W-MRK-010

Resource: W-MRK-010 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.009 acres
Polygon Type: A-2

Resource: W-MRK-001 / W-MRK-010 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.056 acres
Polygon Type: A-1

W-MRK-002

W-MRK-001

Resource: W-MRK-001 (PEM)
Impact Type: Transient
Impact Area: 0.022 acres
Polygon Type: A-1

W-DJY-007

Resource: W-DJY-007 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.003 acres
Polygon Type: A-2
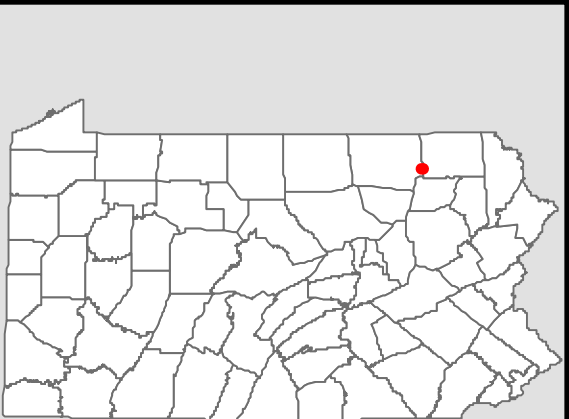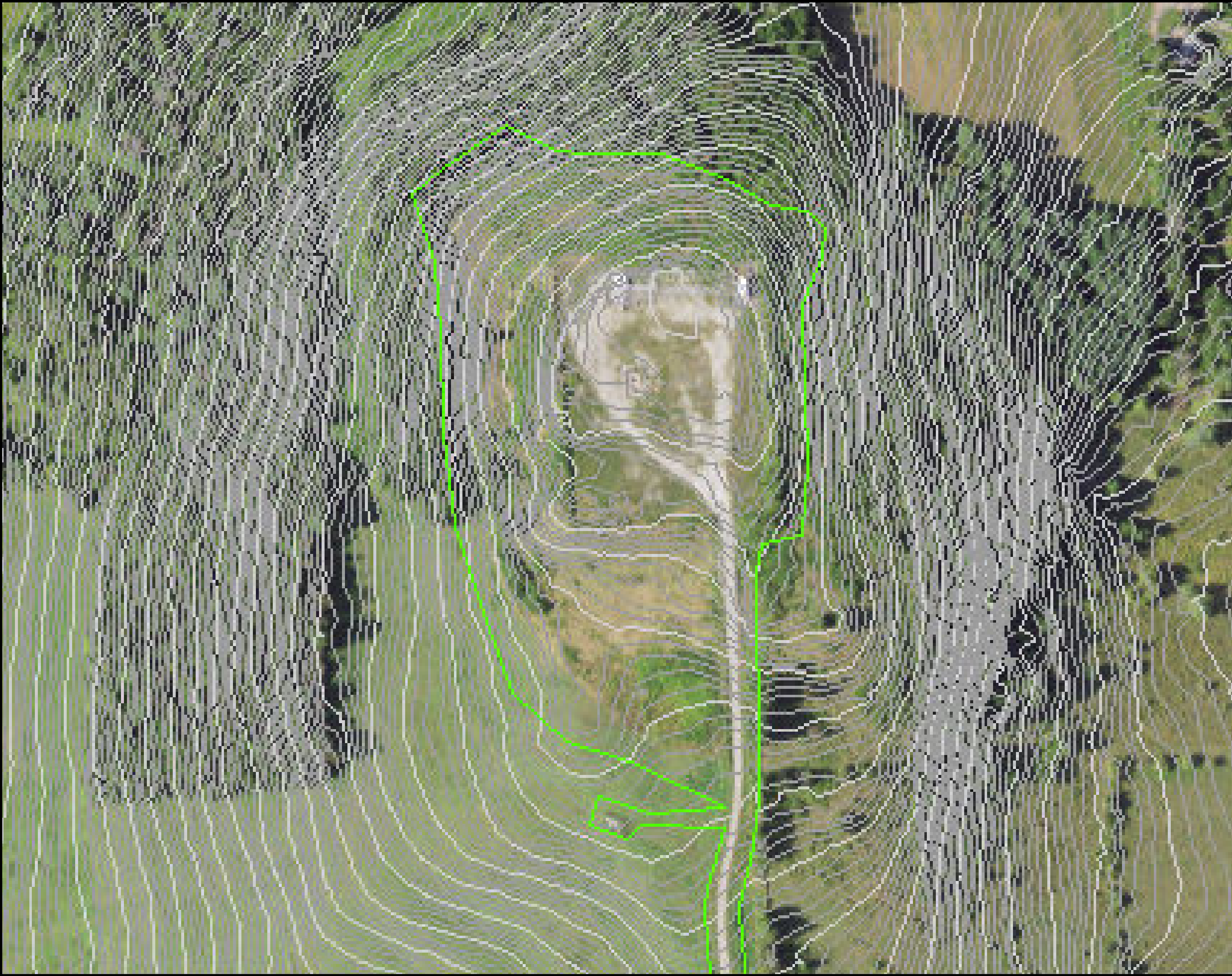
N

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
BENNETT BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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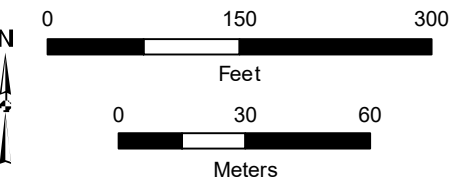
Date Saved: 12/17/2020

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

Resource: W-SLH-097 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.061 acres
Polygon Type: A-2

Resource: W-SLH-097 (PEM)
Impact Type: Transient
Impact Area: 0.022 acres
Polygon Type: A-1

MIW-SLH-047

W-SLH-097

W-SLH-097

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
BRAD 108 - LEHMAN FRAC POND
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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ENERGY

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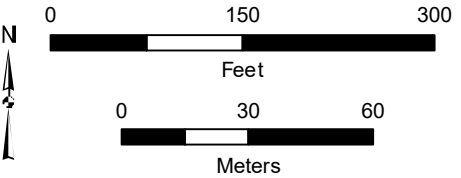
Date Saved: 12/17/2020

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

Resource: W-GJM-025 (PEM)
Impact Type: Transient
Impact Area: 0.120 acres
Polygon Type: A-1

W-GJM-025

Resource: W-GJM-025 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.032 acres
Polygon Type: A-1

0   150   300
Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
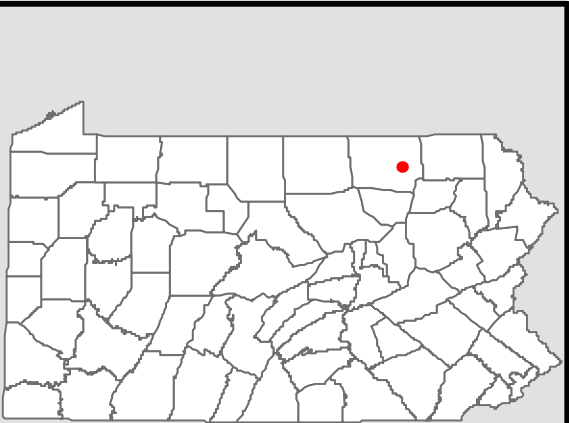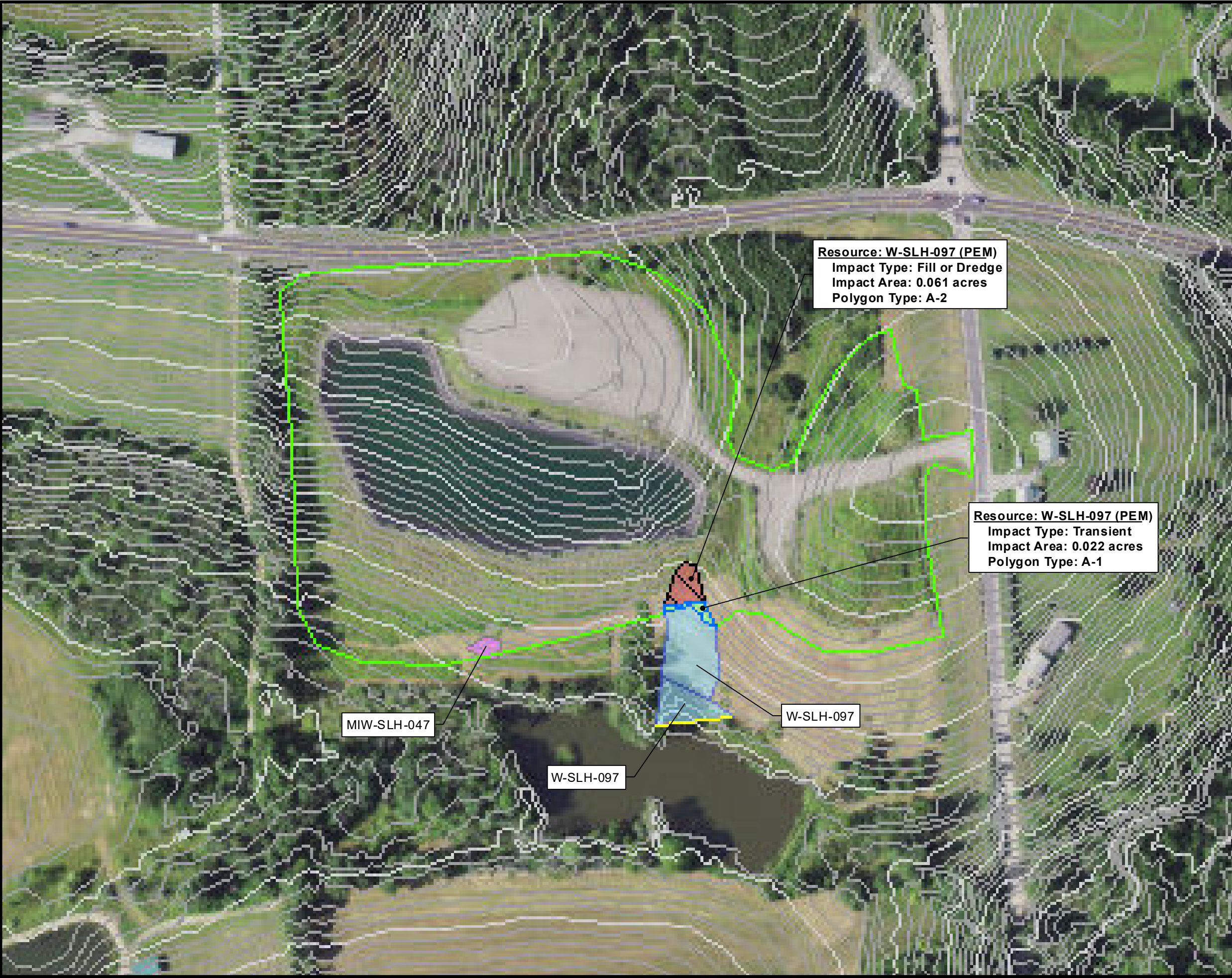RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
BRAD 14 - WARD FRAC POND
SITE PLAN

DATE: 12/17/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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Resource: W-SLH-045 (PEM)
Impact Type: Transient
Impact Area: 0.070 acres
Polygon Type: A-1

W-SLH-045

Resource: W-SLH-045 (PEM)
Impact Type: Fill or Dredge
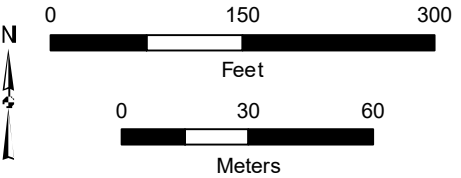**Impact Area: 0.044 acres**
Polygon Type: A-2

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

0   150   300
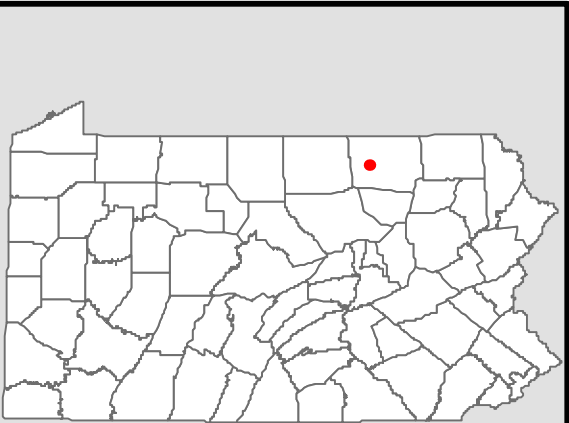Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
BRAD 19 - COLE FRAC POND
SITE PLAN

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ENERGY

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MIW-WRA-295

W-WRA-296

Resource: W-WRA-296 (PEM)
Impact Type: Transient
Impact Area: 0.038 acres
Polygon Type: A-1

Resource: W-WRA-296 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.046 acres
Polygon Type: A-2

W-WRA-297

Resource: W-WRA-297 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.079 acres
Polygon Type: A-2

MIW-WRA-202

Resource: W-WRA-292 (PEM)
Impact Type: Transient
Impact Area: 0.057 acres
Polygon Type: A-1

Resource: W-WRA-292 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.020 acres
Polygon Type: A-1

MIW-WRA-293

W-WRA-292

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration
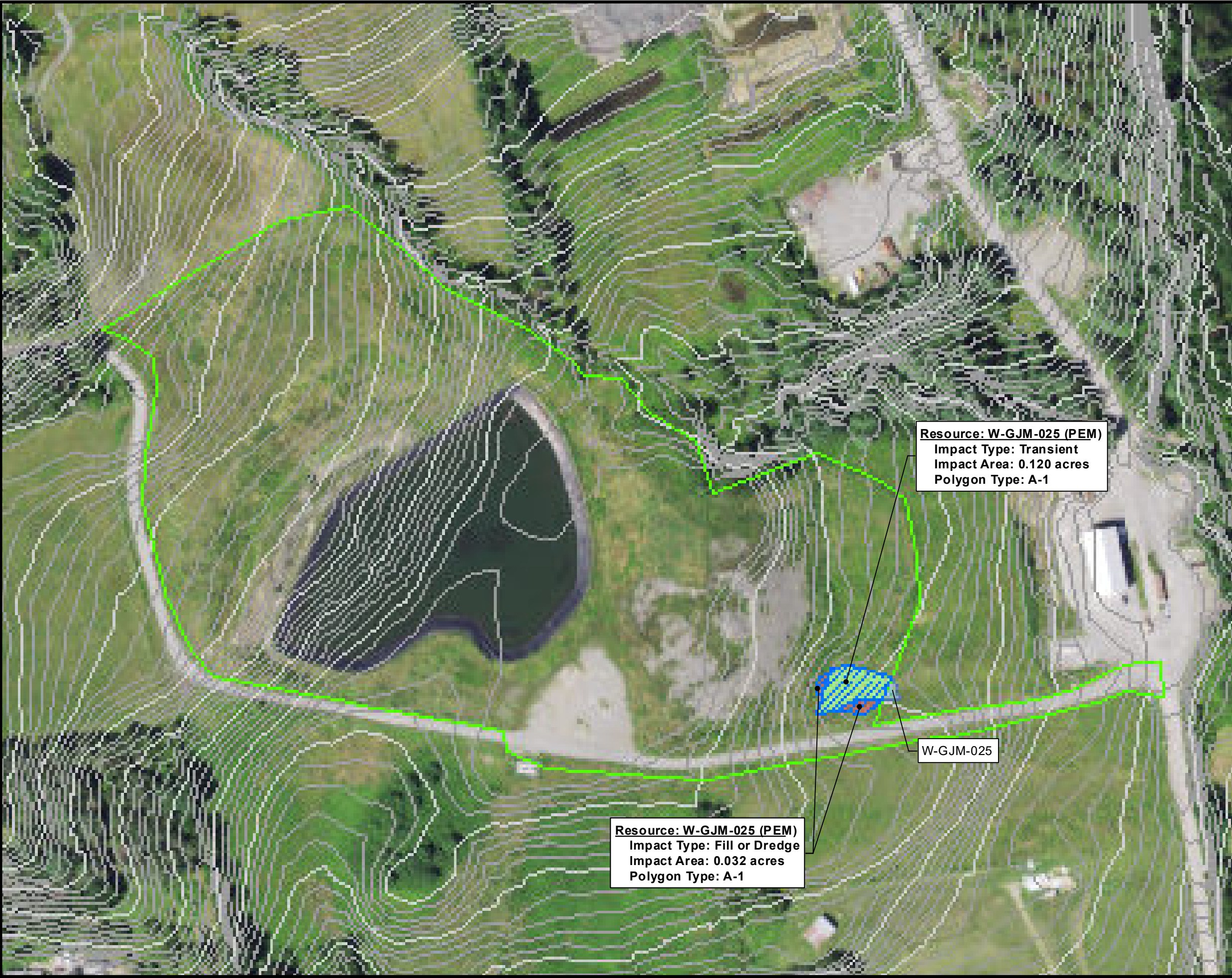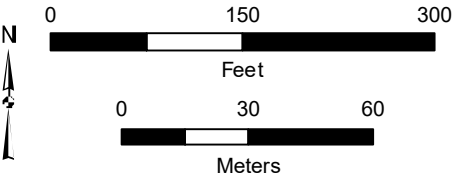
Fill or Dredge

A-1 Polygon

A-2 Polygon

A-2 Impact

0   150   300
Feet

0   30   60
Meters

N

CHESAPEAKE APPALACHIA LLC
BRAD 64 - WILMOT FRAC POND
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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CHESAPEAKE ENERGY

S-BJT-208

Resource: S-BJT-208 (INT)
Impact Type: Fill or Dredge
Impact Length: 53 feet
Polygon Type: A-2

MIW-BJT-358

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

▢ Limits of Disturbance
— Watercourse
— Stormwater Feature (SF)
▢ Wetland
▢ Man-Induced Wetland (MIW)
— Open-End

Estimated Impact Area

▢ Transient
▢ Habitat Alteration
▢ Fill or Dredge
▢ A-1 Polygon
▢ A-2 Polygon
— A-2 Impact

N

| 0 | 150 | 300 |
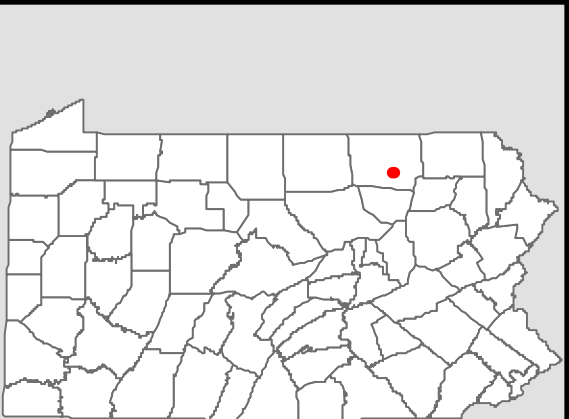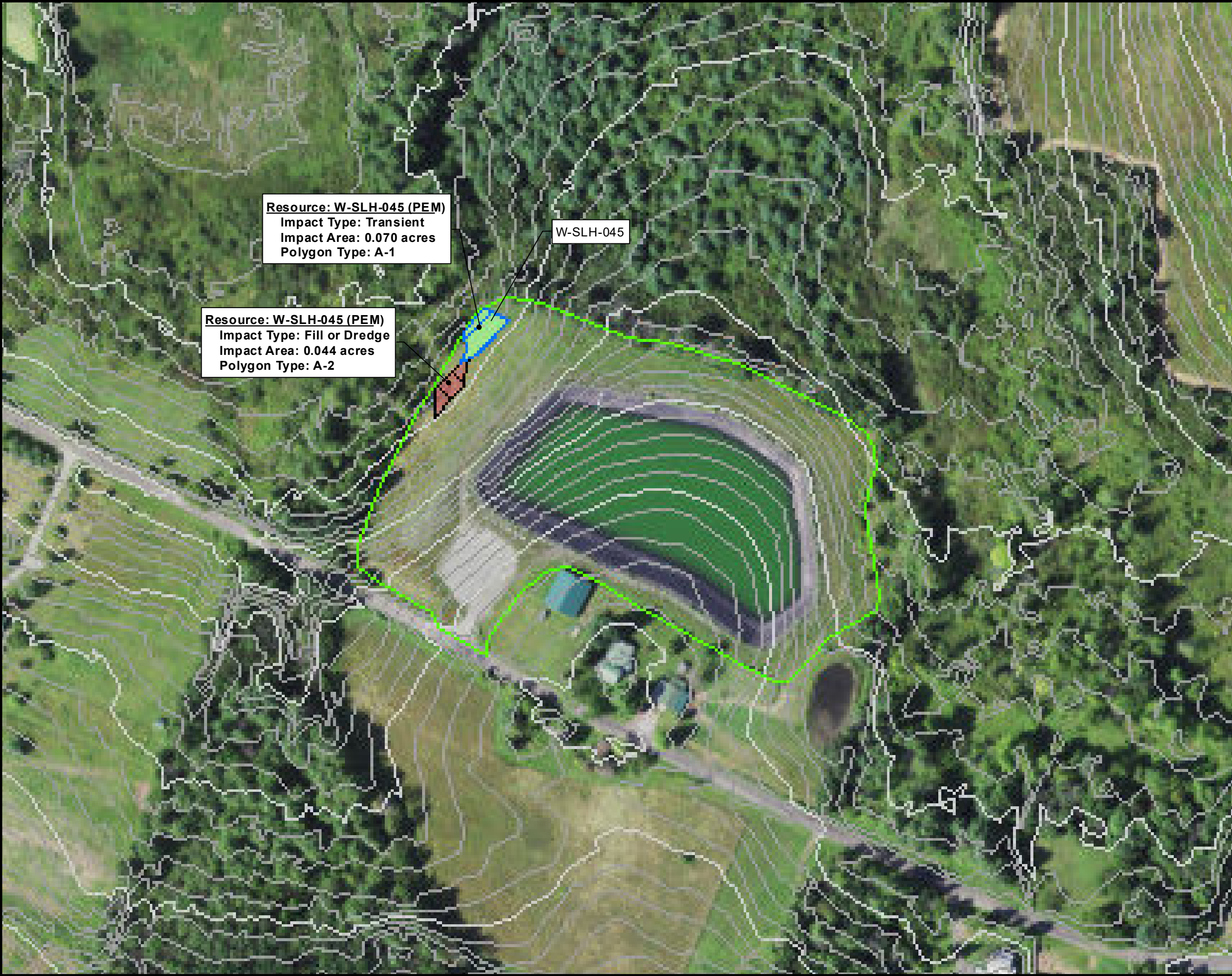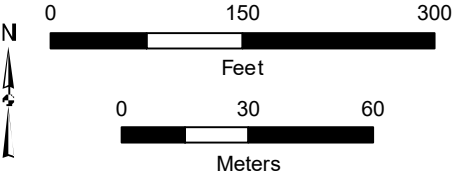Feet

| 0 | 30 | 60 |
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
BRAD 65 - RUSSELL FRAC POND
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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Date Saved: 12/17/2020

LOCATION MAP

Resource: W-SLH-142 (PEM)
Impact Type: Transient
Impact Area: 0.006 acres
Polygon Type: A-2

W-SLH-142

W-SLH-143

Resource: W-SLH-142 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.112 acres
Polygon Type: A-2

Resource: W-SLH-143 (PEM)
Impact Type: Transient
Impact Area: 0.002 acres
Polygon Type: A-2

Resource: W-SLH-061 / W-SLH-143 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.148 acres
Polygon Type: A-2

W-SLH-061

Resource: W-SLH-061 (PEM)
Impact Type: Transient
Impact Area: 0.033 acres
Polygon Type: A-1

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

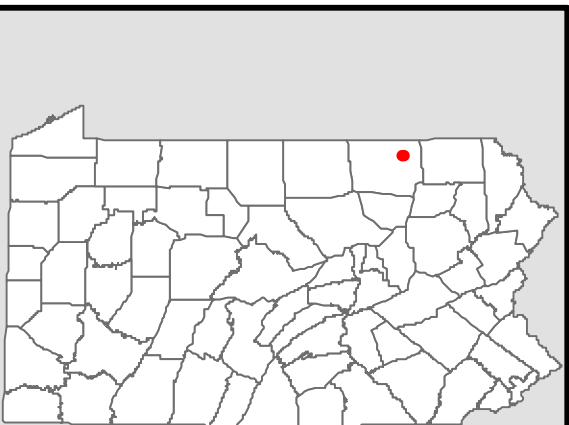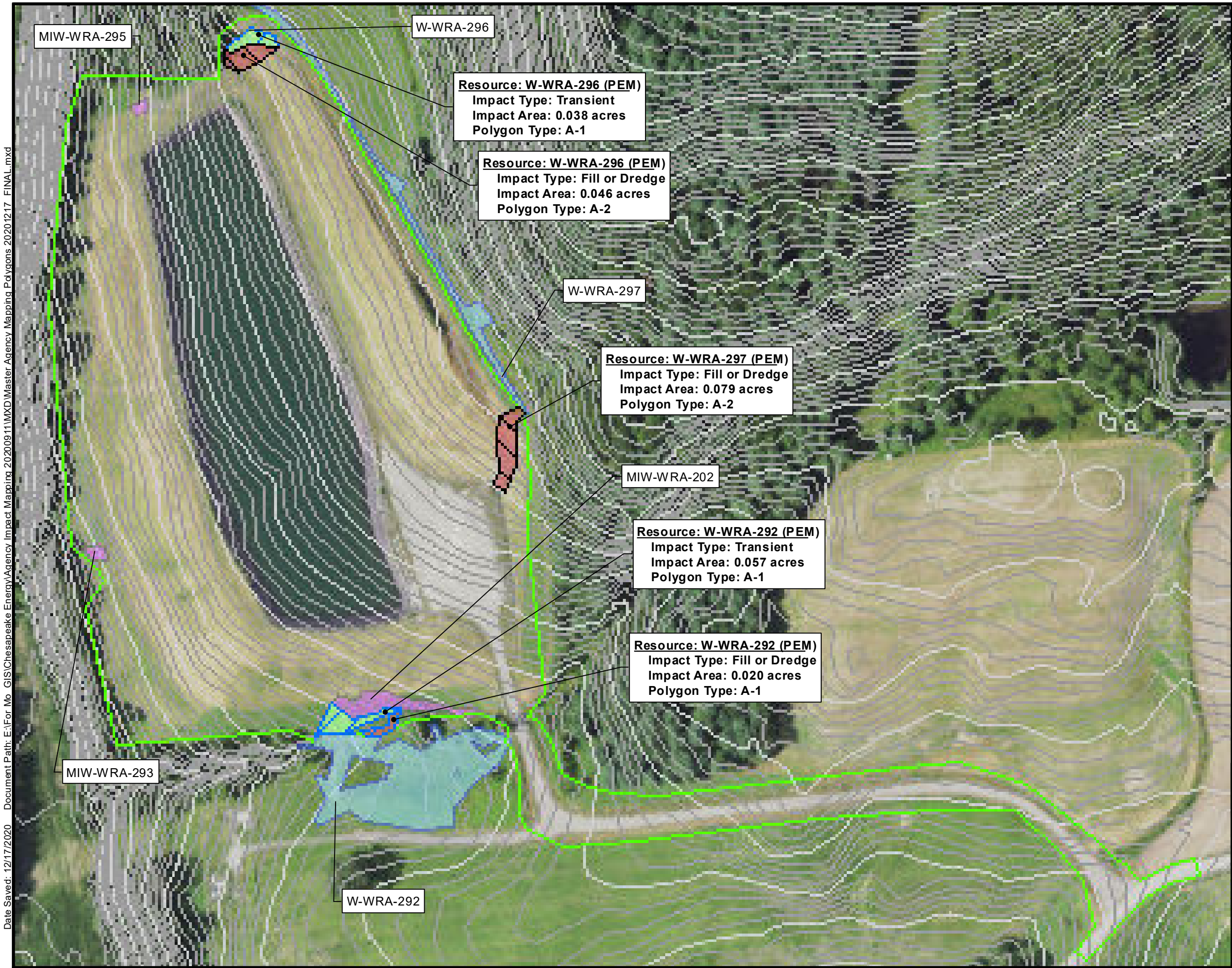0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
BRAD 70 - EASTABROOK FRAC POND
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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Date Saved: 12/17/2020

W-WRA-289

Resource: W-WRA-289 / W-WRA-290 (PEM)
Impact Type: Fill or Dredge
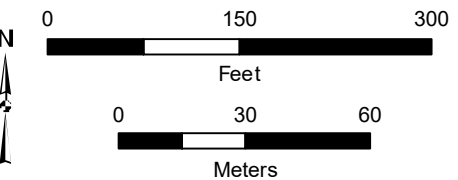Impact Area: 0.339 acres
Polygon Type: A-2

W-WRA-290

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
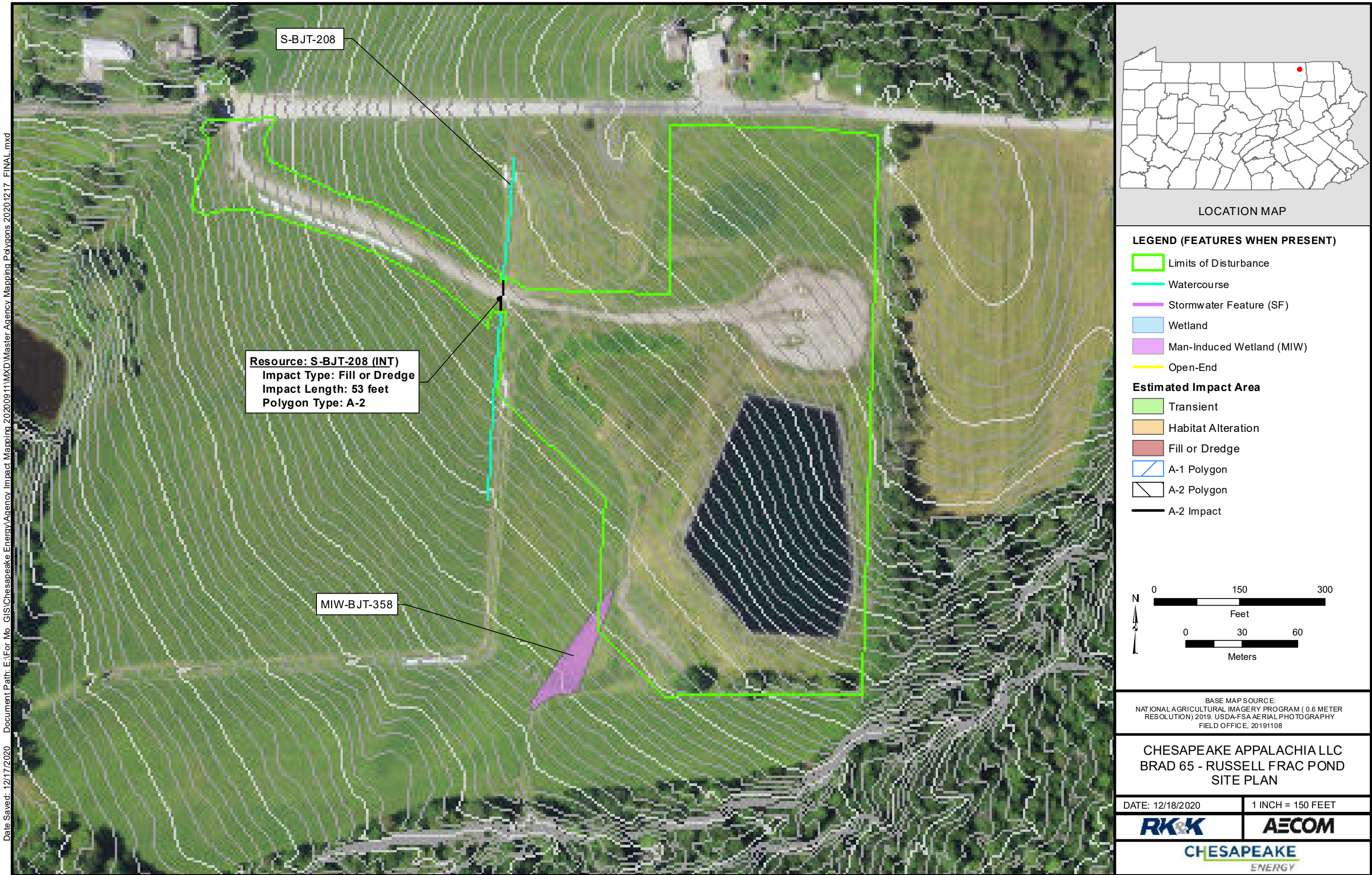A-2 Impact

0   150   300
Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
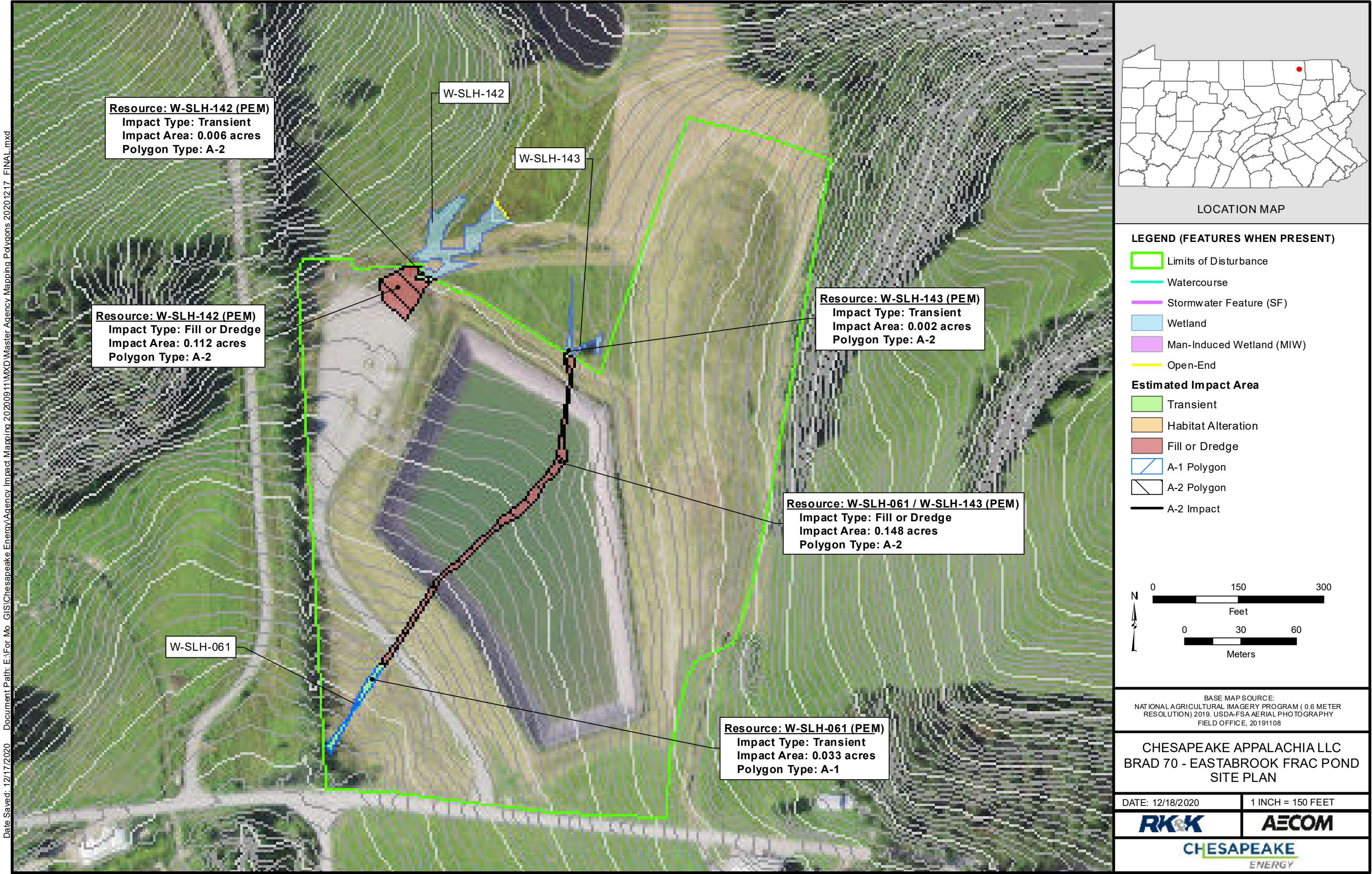BRAD 78 - ELSTON FRAC POND
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET
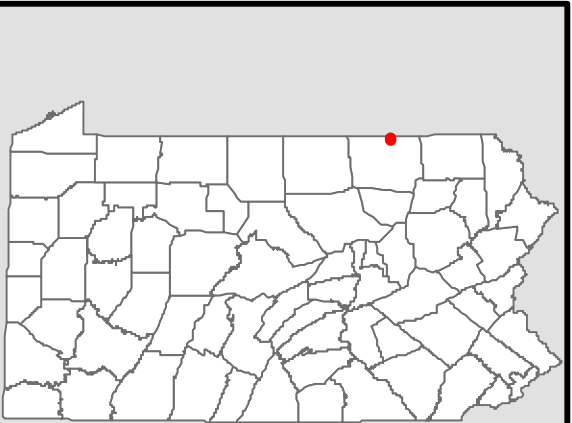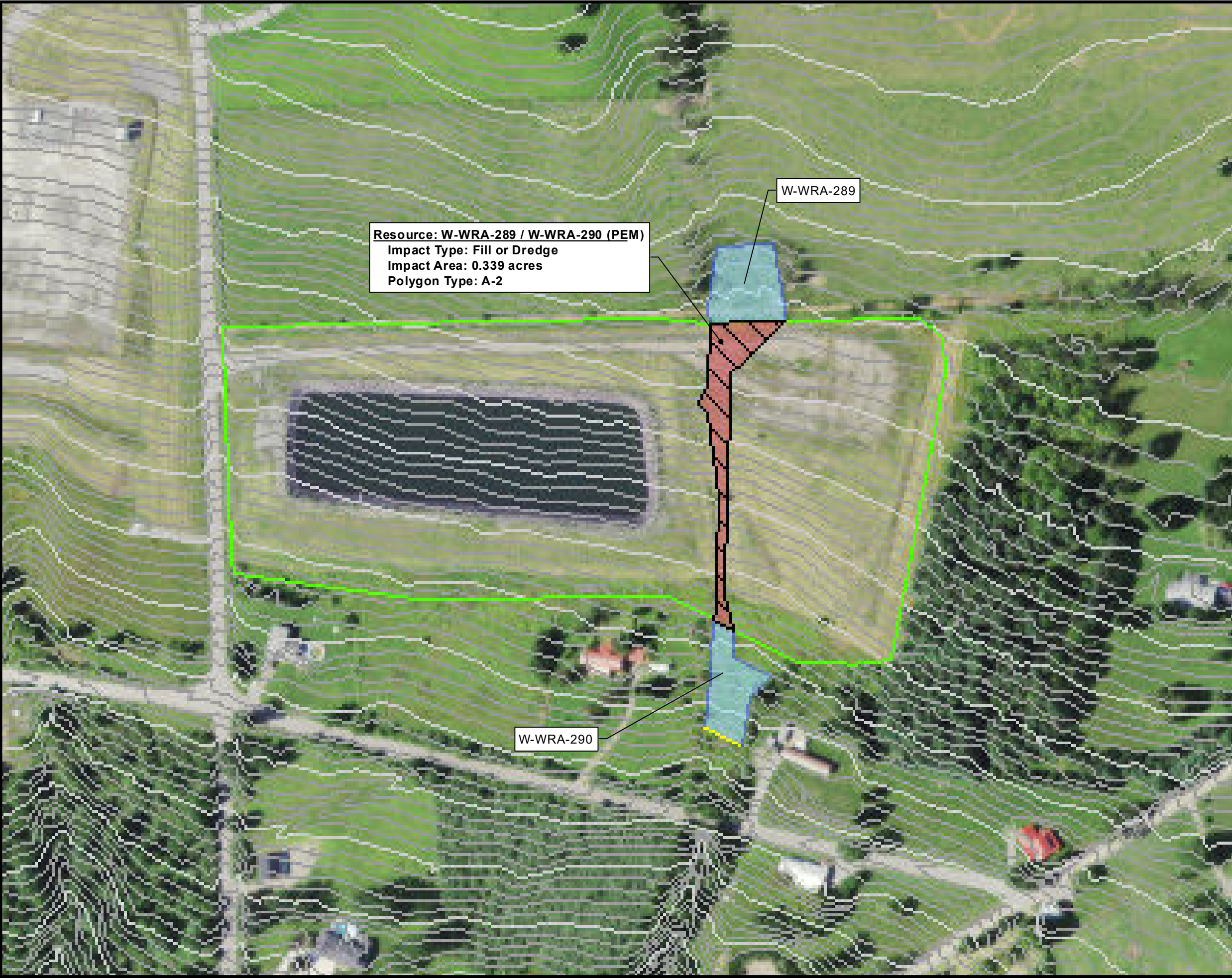
RK&K   AECOM

CHESAPEAKE
ENERGY

Date Saved: 12/17/2020   Document Path: E:\For Mo GIS\Chesapeake Energy\Agency Impact Mapping 20200911\MXD\Master Agency Mapping Polygons 20201217_FINAL.mxd
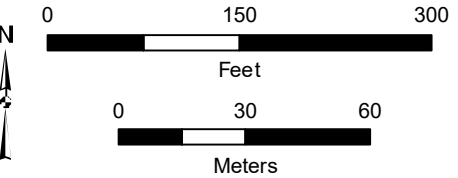
Resource: Lecrone_1 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.050 acres
Polygon Type: A-2

Resource: Lecrone_2 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.677 acres
Polygon Type: A-2

Resource: Lecrone_2 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.094 acres
Polygon Type: A-1

W-GJM-029

W-GJM-029

W-GJM-028

Resource: W-GJM-028 (PEM)
Impact Type: Transient
Impact Area: 0.027 acres
Polygon Type: A-1

Resource: W-GJM-028 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.077 acres
Polygon Type: A-1

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area
- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
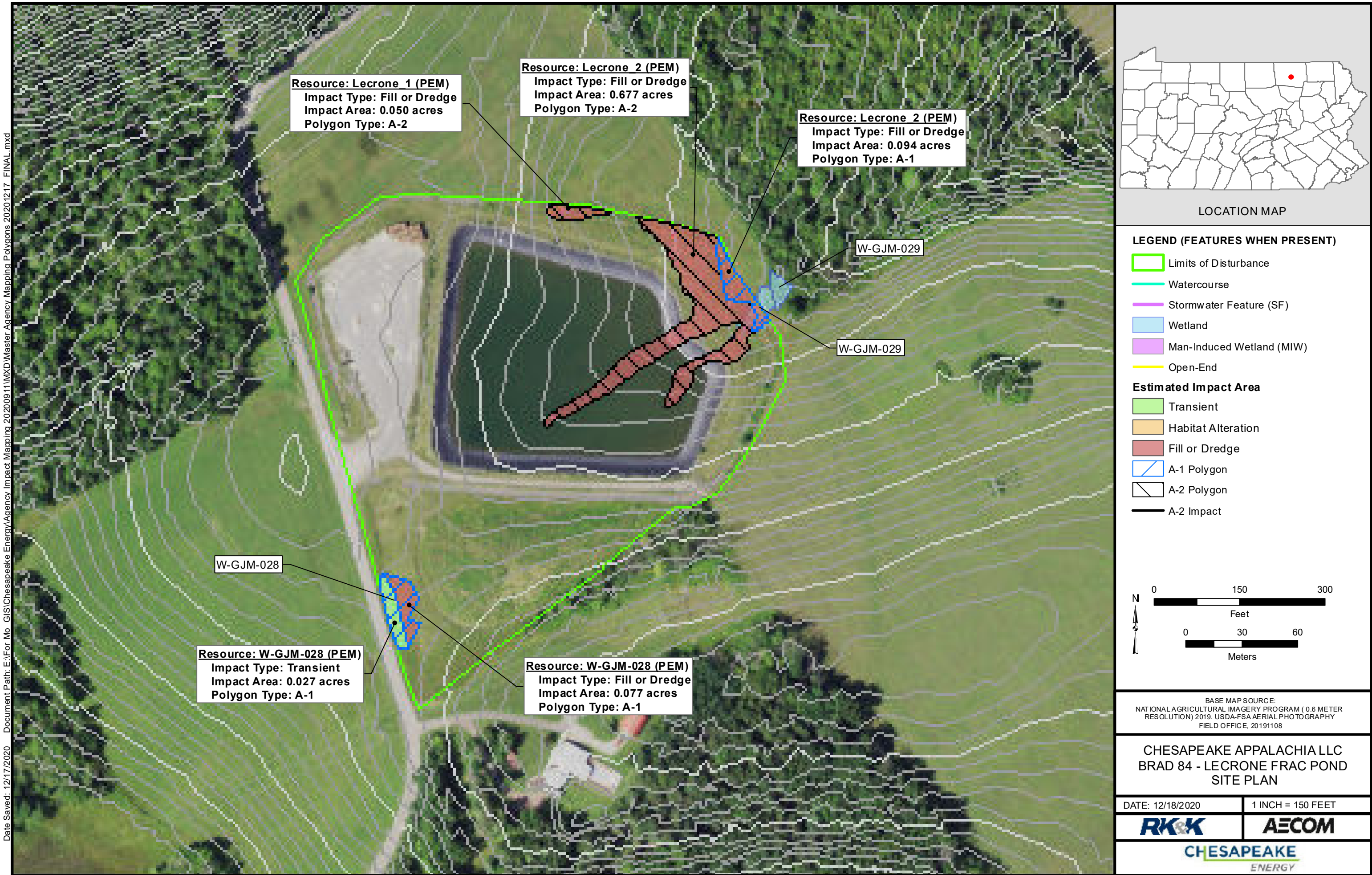Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

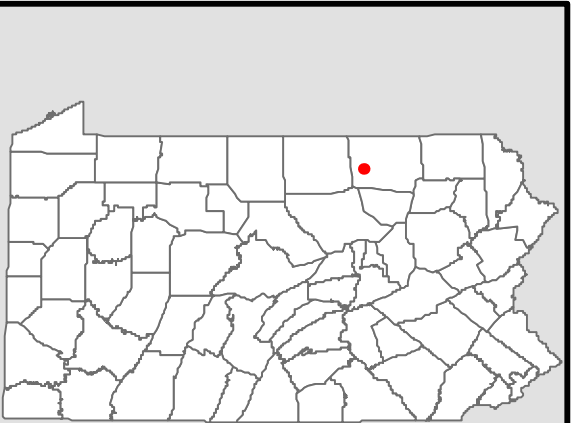CHESAPEAKE APPALACHIA LLC
BRAD 84 - LECRONE FRAC POND
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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Date Saved: 12/17/2020

LOCATION MAP

Resource: W-BJT-350 (PEM)
Impact Type: Transient
Impact Area: 0.014 acres
Polygon Type: A-1

W-BJT-350

Resource: W-BJT-350 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.035 acres
Polygon Type: A-1

LEGEND (FEATURES WHEN PRESENT)

☐ Limits of Disturbance
— Watercourse
— Stormwater Feature (SF)
☐ Wetland
☐ Man-Induced Wetland (MIW)
— Open-End

Estimated Impact Area

☐ Transient
☐ Habitat Alteration
☐ Fill or Dredge
☐ A-1 Polygon
☐ A-2 Polygon
— A-2 Impact

N

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

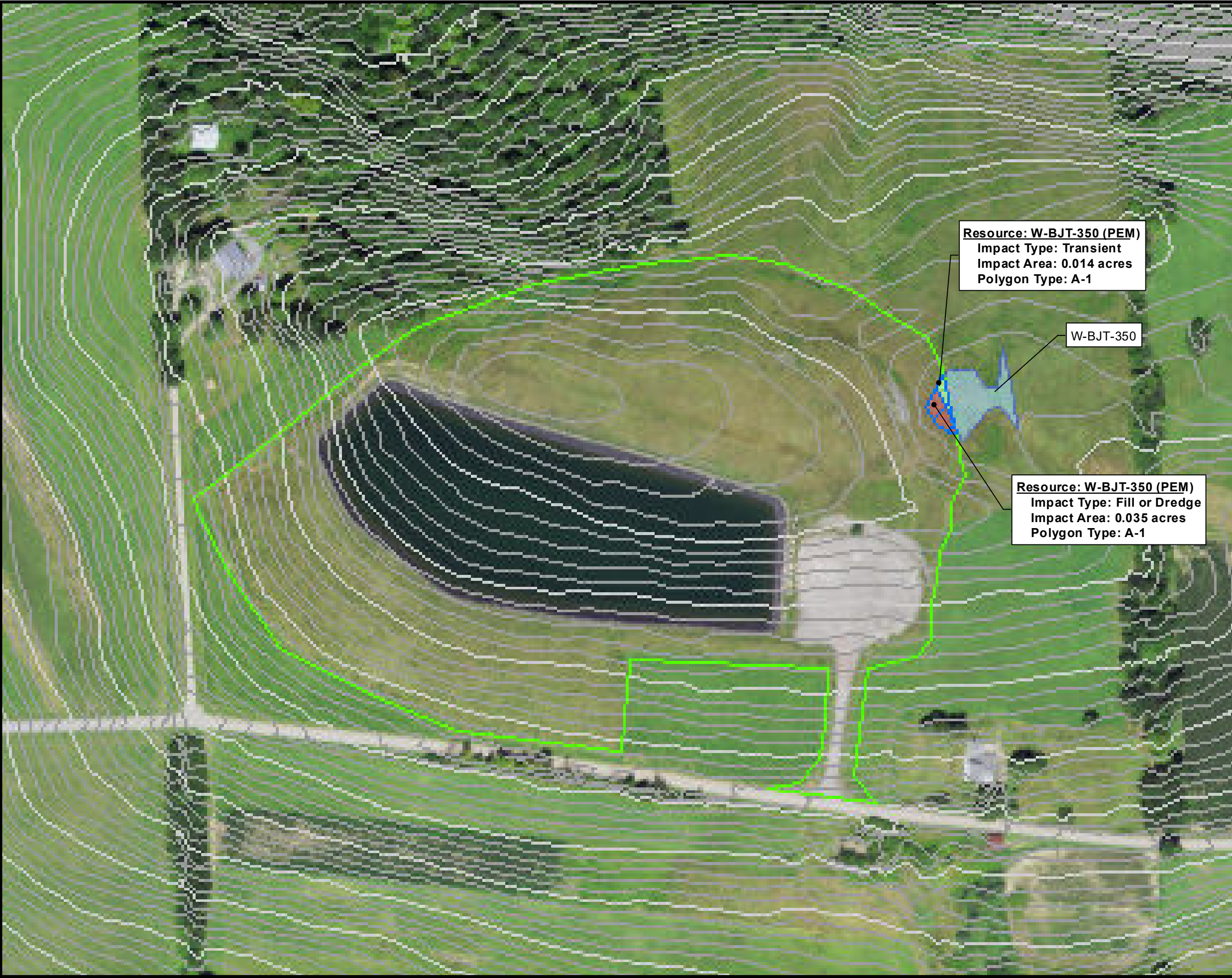CHESAPEAKE APPALACHIA LLC
BRAD 9 - EARL BROWN FRAC POND
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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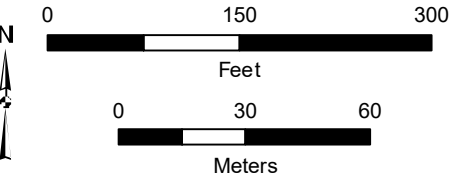
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration

Fill or Dredge

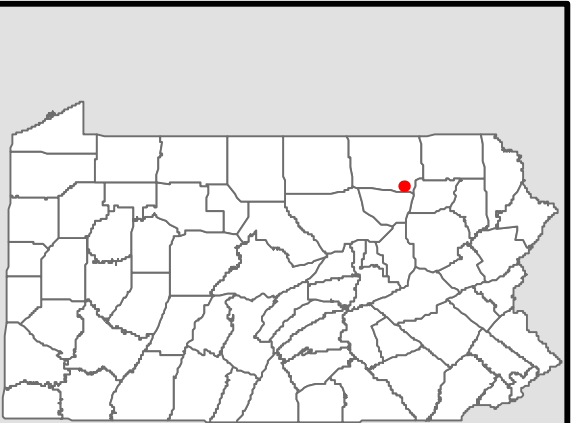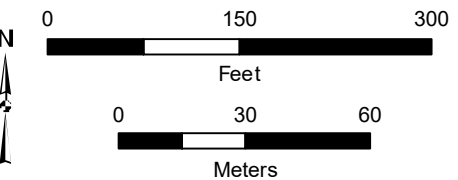A-1 Polygon

A-2 Polygon

A-2 Impact

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
CARR BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

RK&K   AECOM

CHESAPEAKE
ENERGY

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Date Saved: 12/17/2020

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

S-SLH-034

W-SLH-068

Resource: W-SLH-068 (PSS)
Impact Type: Fill or Dredge
Impact Area: 0.020 acres
Polygon Type: A-1

Resource: W-SLH-068 (PSS)
Impact Type: Fill or Dredge
Impact Area: 0.016 acres
Polygon Type: A-2

0   150   300
Feet

0   30   60
Meters

CHESAPEAKE APPALACHIA LLC
CARR BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

RK&K   **AECOM**

CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
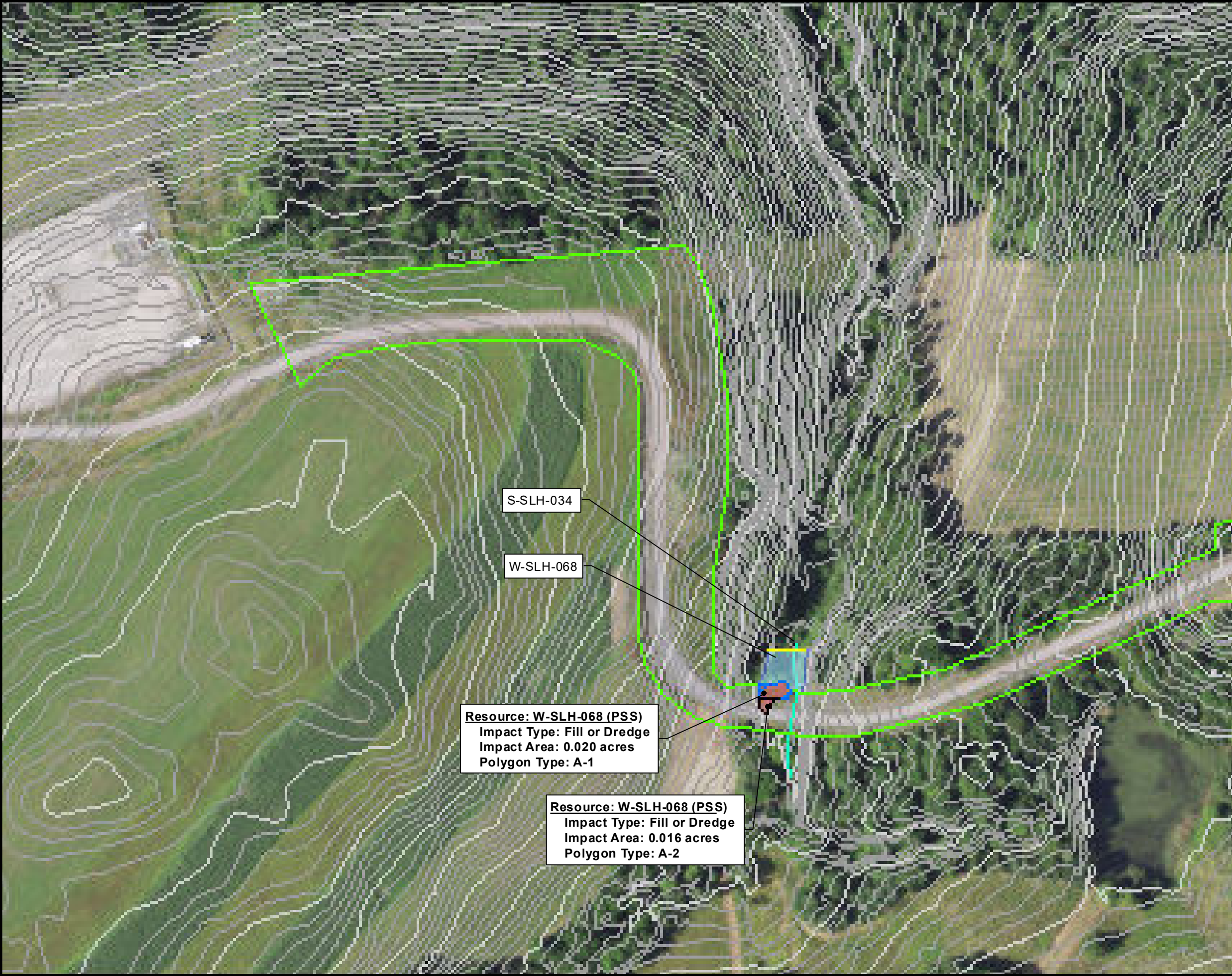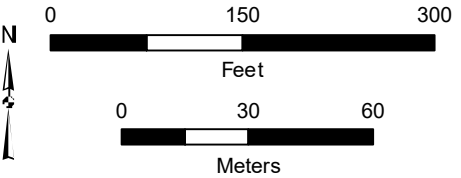- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

W-BJT-270

Resource: W-BJT-270 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.021 acres
Polygon Type: A-2

Resource: W-BJT-268 / W-BJT-269 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.045 acres
Polygon Type: A-2

W-BJT-269

MIW-BJT-272

S-BJT-017

S-BJT-116

W-BJT-268

W-BJT-270

W-BJT-270

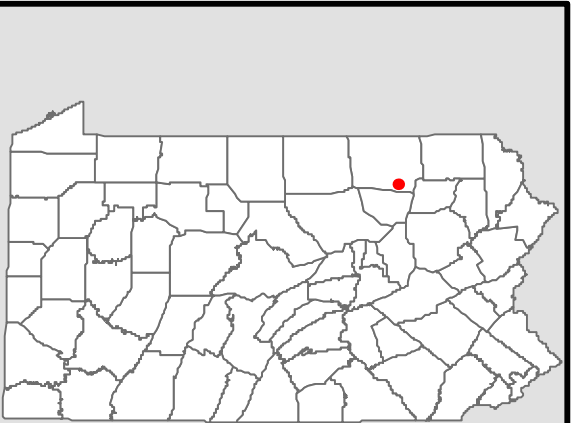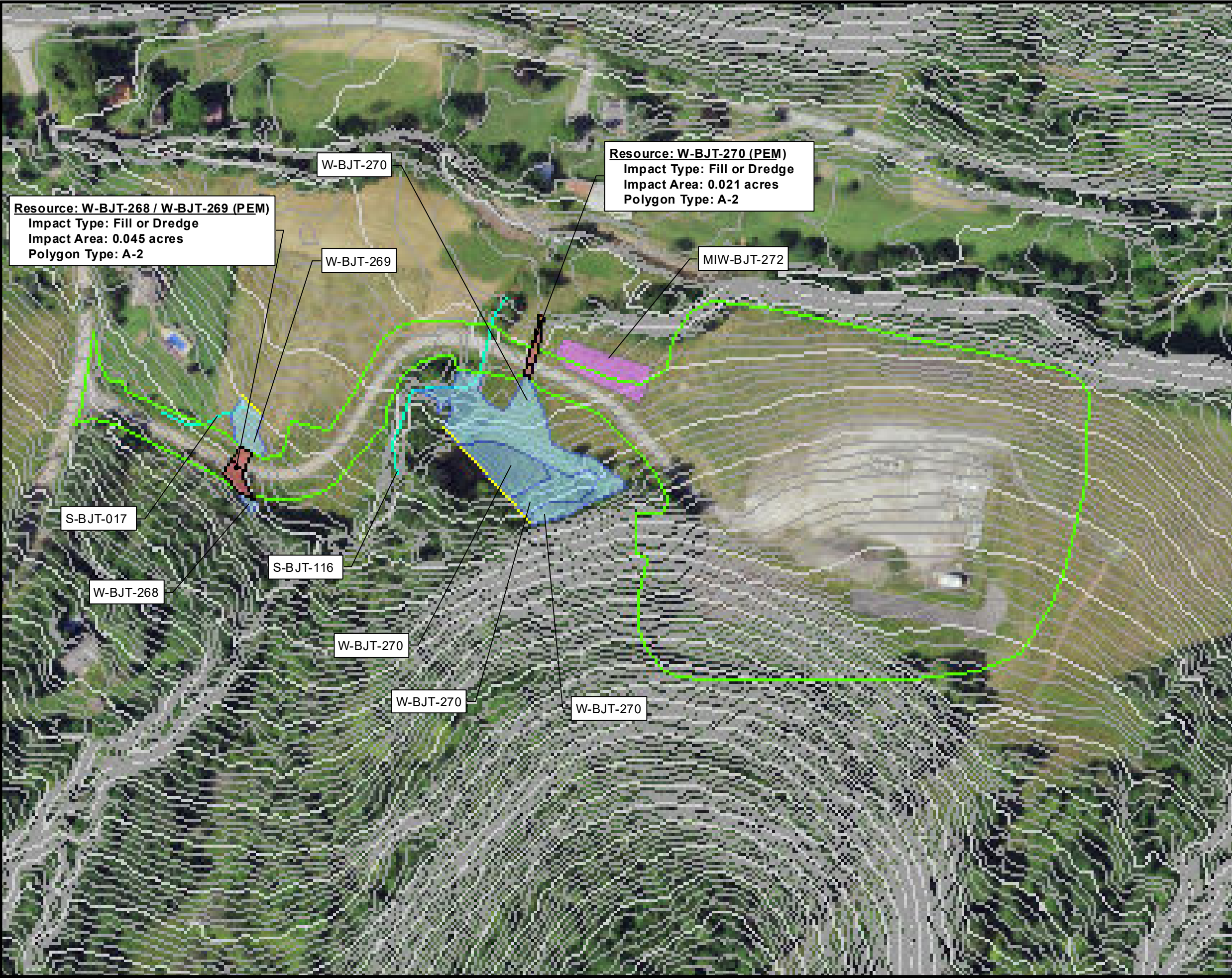W-BJT-270

N

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
DAVE BRA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET
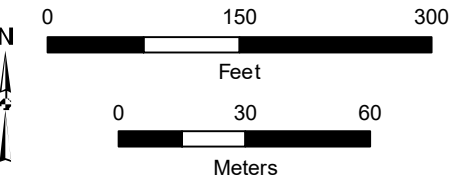
RK&K   AECOM

CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
DRISCOLL BRA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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LOCATION MAP

S-BJT-119

Resource: S-BJT-119 (PER)
Impact Type: Fill or Dredge
Impact Length: 40 feet
Polygon Type: A-2

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration

Fill or Dredge

A-1 Polygon

A-2 Polygon

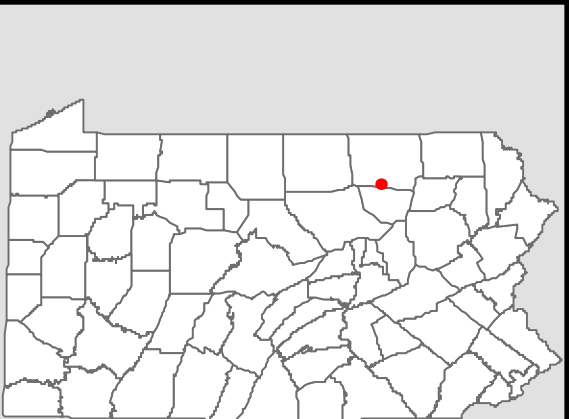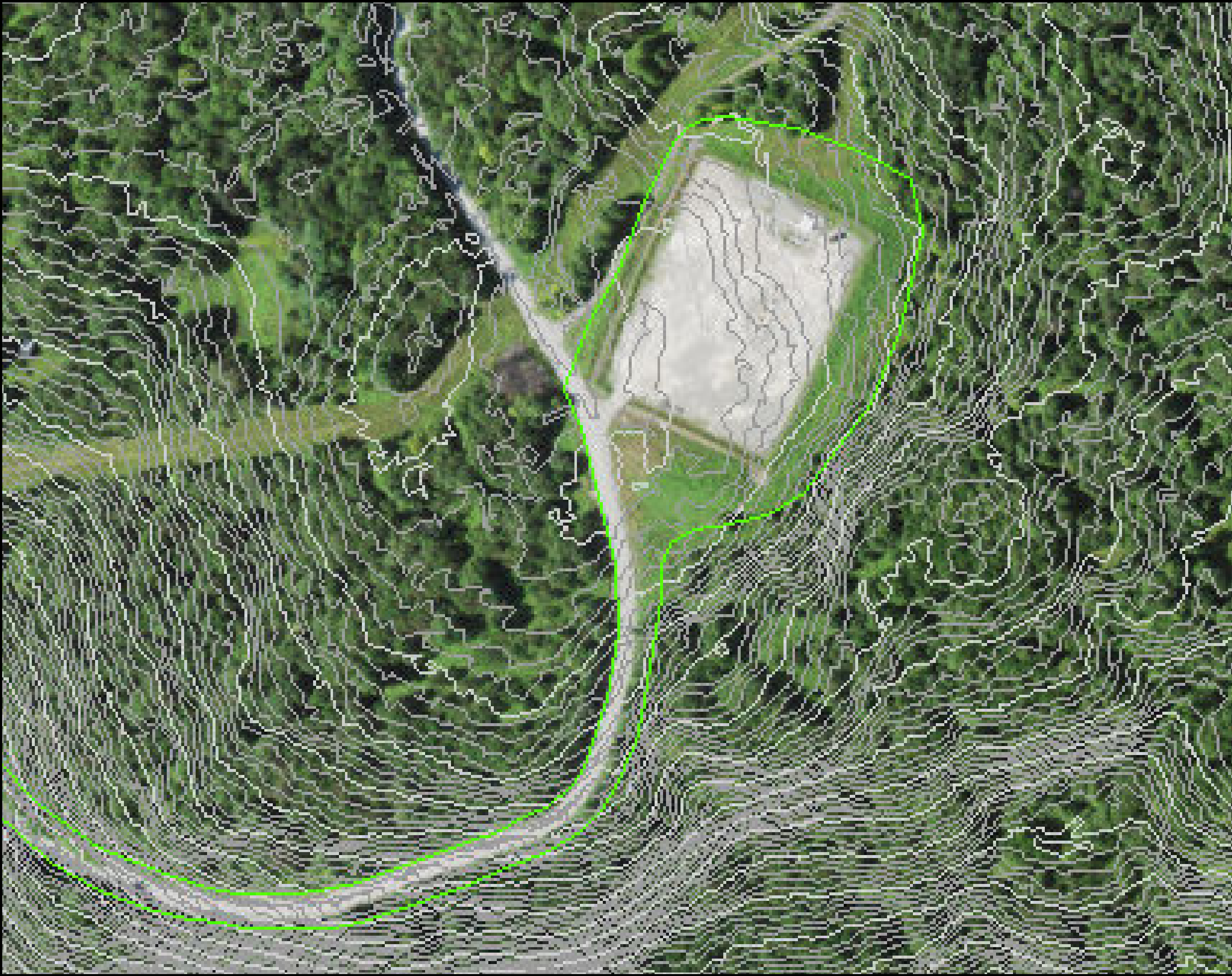A-2 Impact

0   150   300
Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
DRISCOLL BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration

Fill or Dredge

A-1 Polygon

A-2 Polygon

A-2 Impact

Resource: Fausto (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.580 acres
Polygon Type: A-2

Resource: W-WRA-001 (PEM)
Impact Type: Transient
Impact Area: 0.091 acres
Polygon Type: A-1

W-WRA-001

W-WRA-001

W-WRA-001

Resource: Fausto (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.410 acres
Polygon Type: A-1

0   150   300
Feet

0   30   60
Meters

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BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
FAUSTO BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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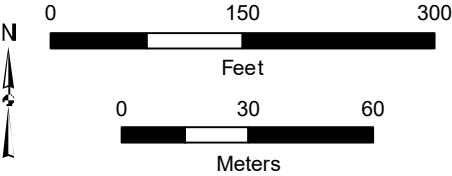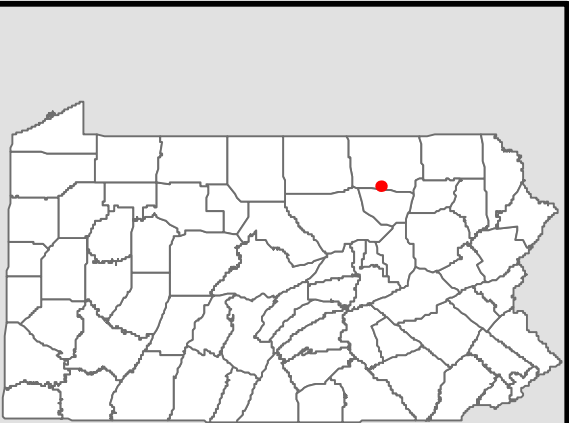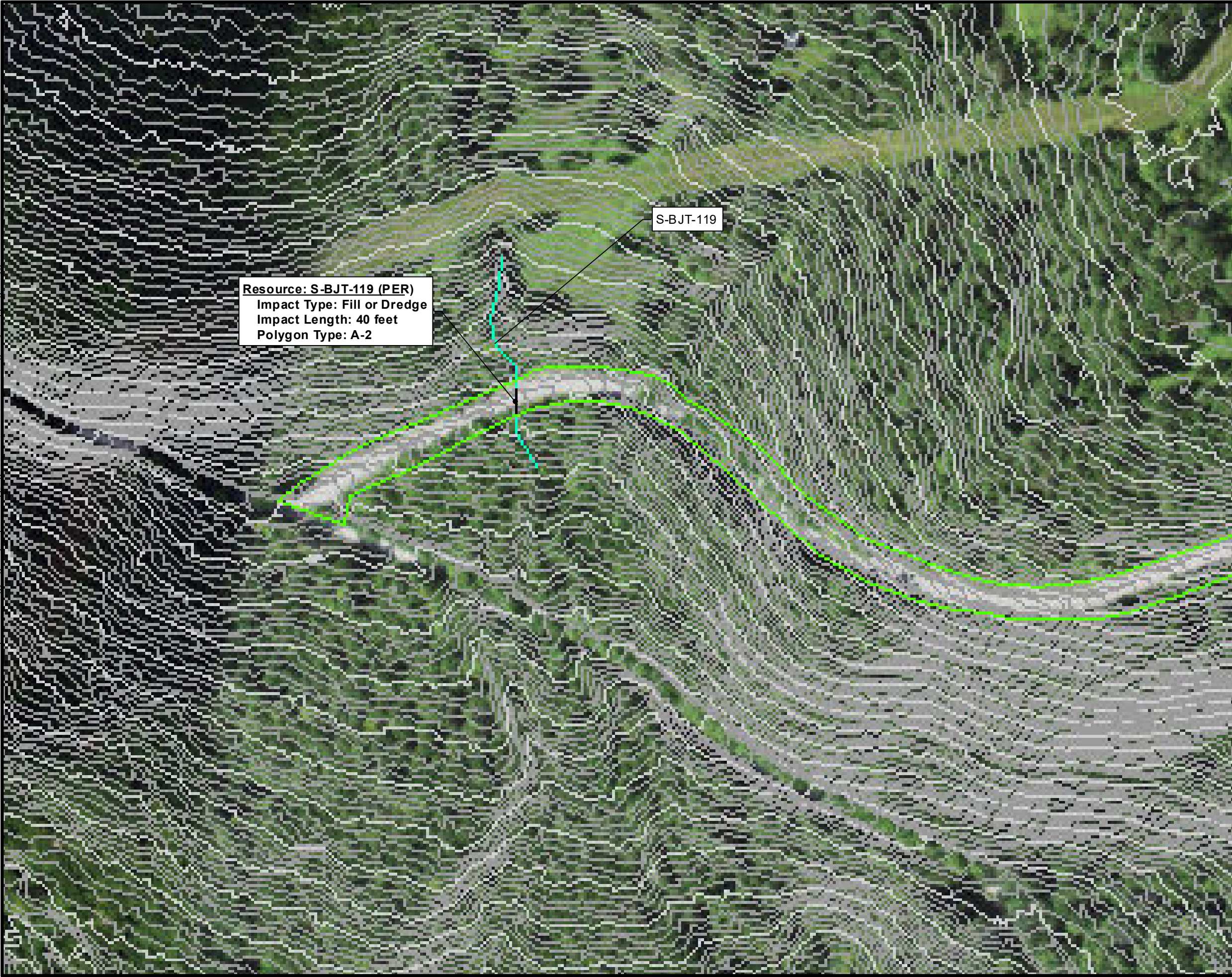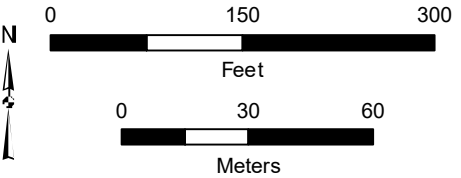
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

Resource: Feusner_1A (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.130 acres
Polygon Type: A-2

Resource: Feusner_2A (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.340 acres
Polygon Type: A-2

MIW-WRA-004

Resource: Feusner_2C (PEM)
Impact Type: Transient
Impact Area: 0.010 acres
Polygon Type: A-1

Resource: Feusner_1B (PEM)
Impact Type: Transient
Impact Area: 0.030 acres
Polygon Type: A-1

W-WRA-008

W-WRA-005

Resource: Feusner_2B (PEM)
Impact Type: Transient
Impact Area: 0.030 acres
Polygon Type: A-1

W-WRA-006

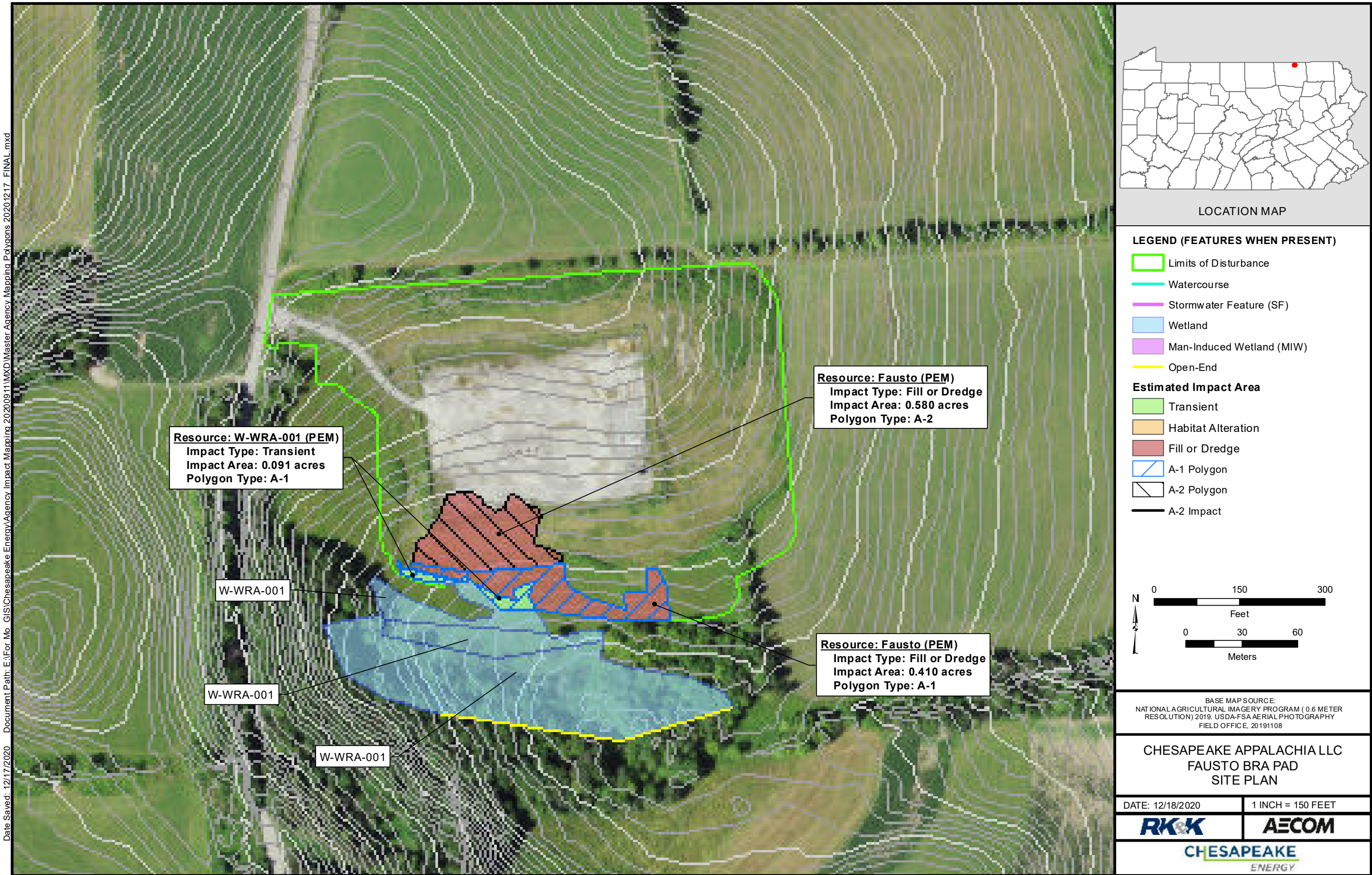0   150   300
Feet

0   30   60
Meters

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BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

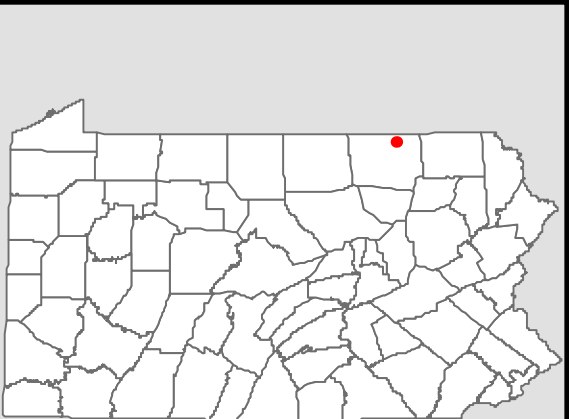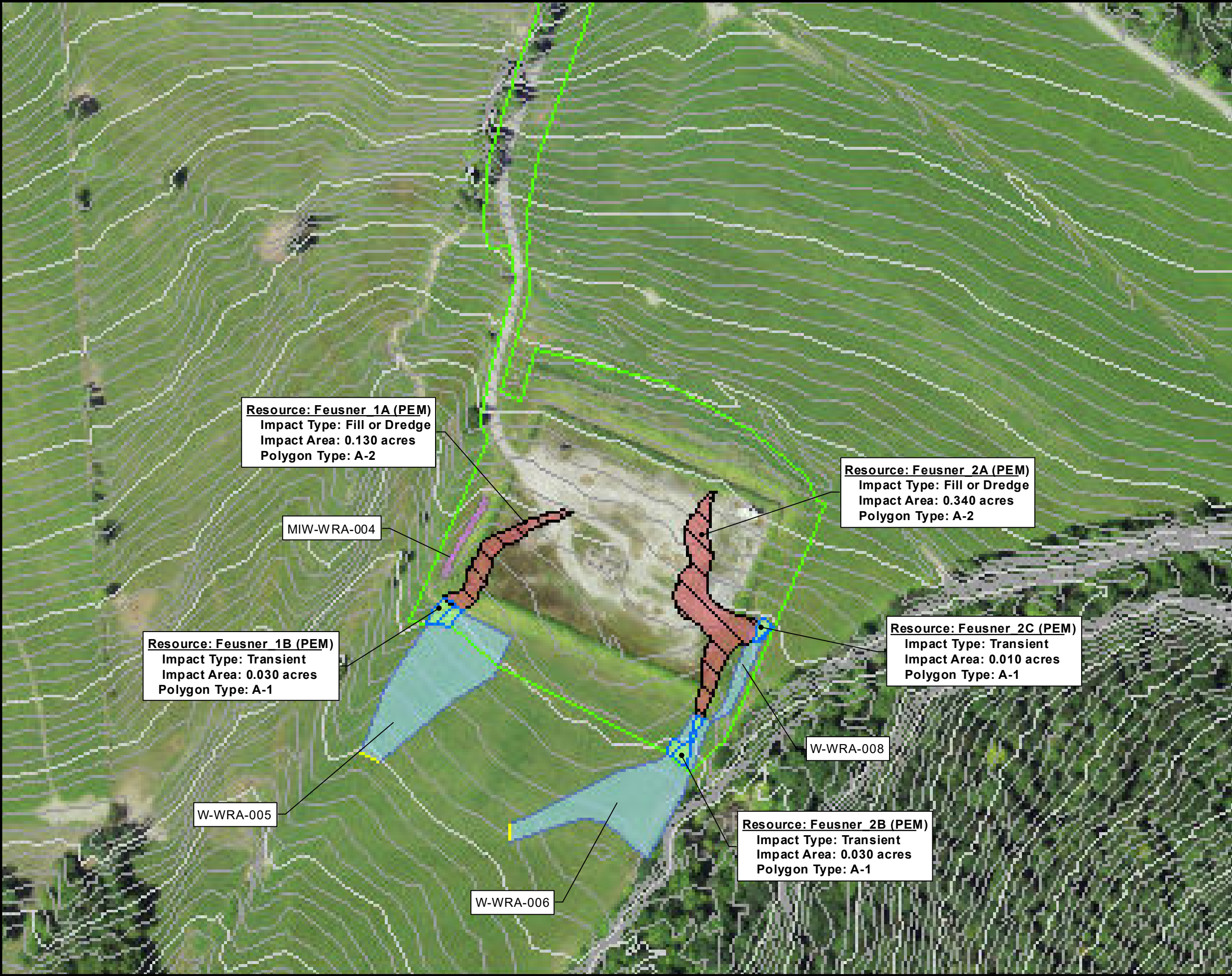CHESAPEAKE APPALACHIA LLC
FEUSNER BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE ENERGY

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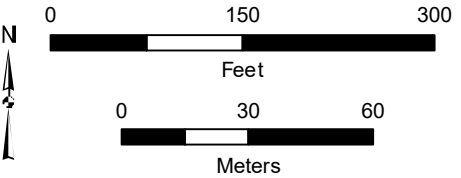
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- ▭ Limits of Disturbance
- — Watercourse
- — Stormwater Feature (SF)
- ▭ Wetland
- ▭ Man-Induced Wetland (MIW)
- — Open-End

Estimated Impact Area

- ▭ Transient
- ▭ Habitat Alteration
- ▭ Fill or Dredge
- ▱ A-1 Polygon
- ▱ A-2 Polygon
- — A-2 Impact

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
FEUSNER BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

Resource: W-SLH-041 / W-SLH-042 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.014 acres
Polygon Type: A-2

W-SLH-041

W-SLH-042

W-SLH-039

W-SLH-040

Resource: W-SLH-010 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.010 acres
Polygon Type: A-2

Resource: W-SLH-039 / W-SLH-040 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.022 acres
Polygon Type: A-2

W-SLH-010

MIW-SLH-007

MIW-SLH-008

MIW-SLH-009

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)
Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area
Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

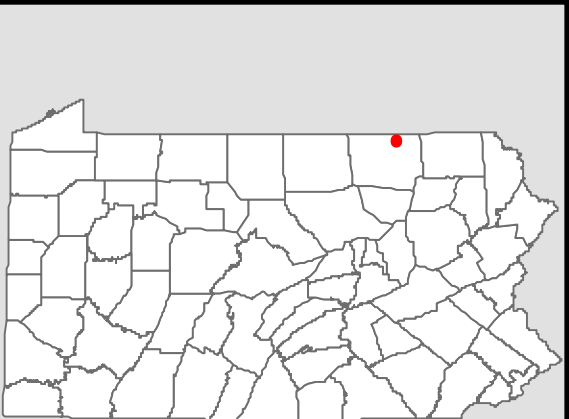0   150   300
Feet

0   30   60
Meters

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BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
FLASH BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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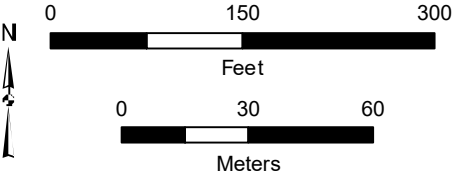
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
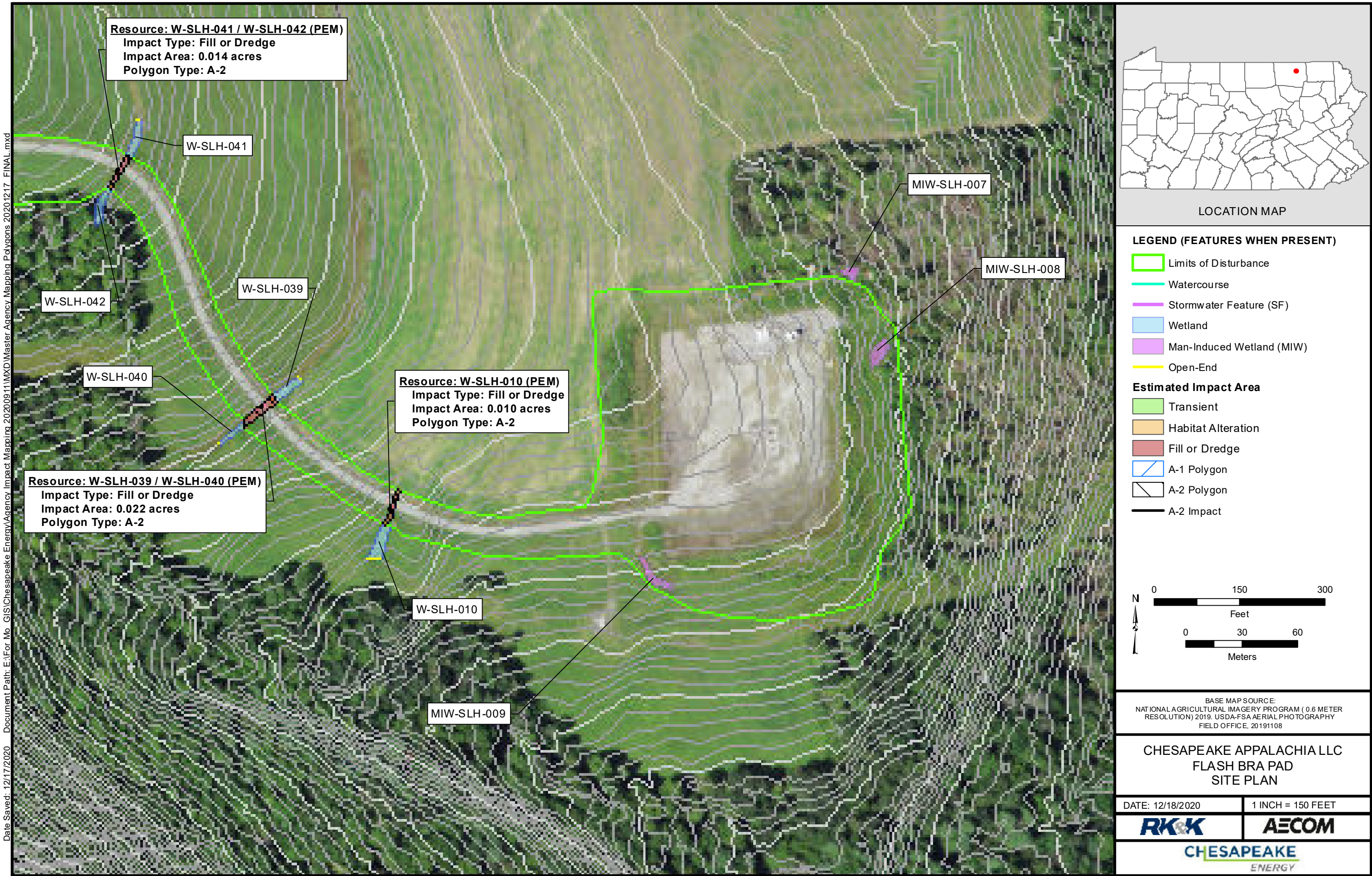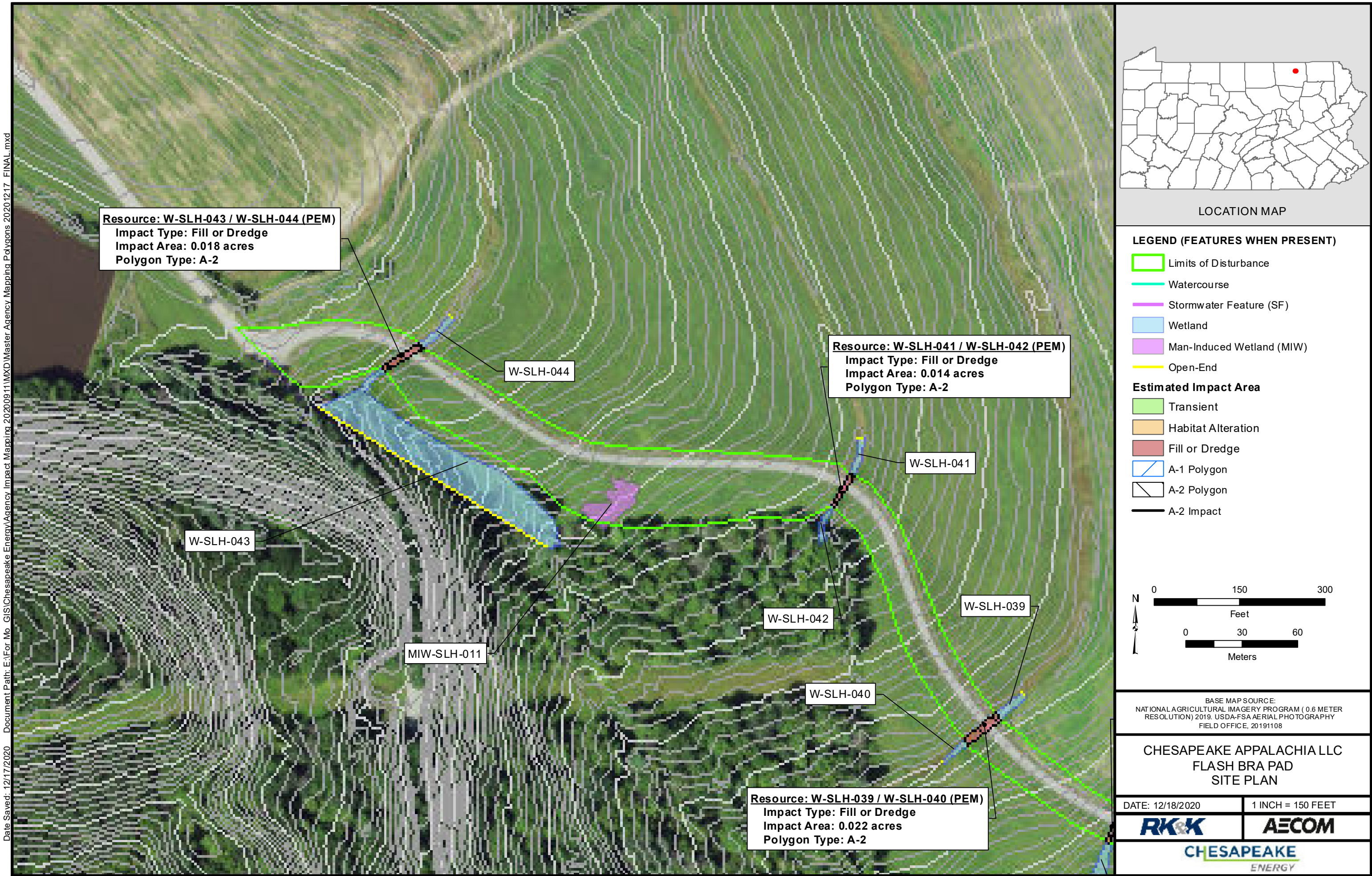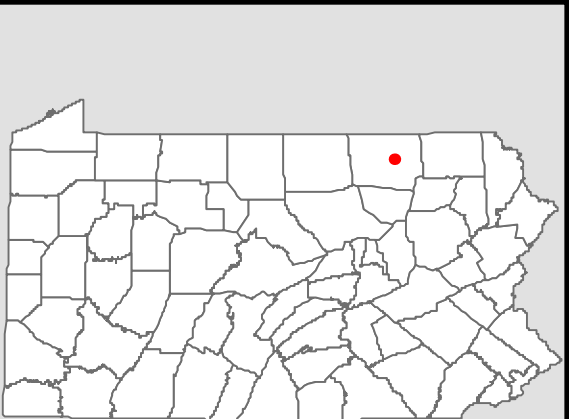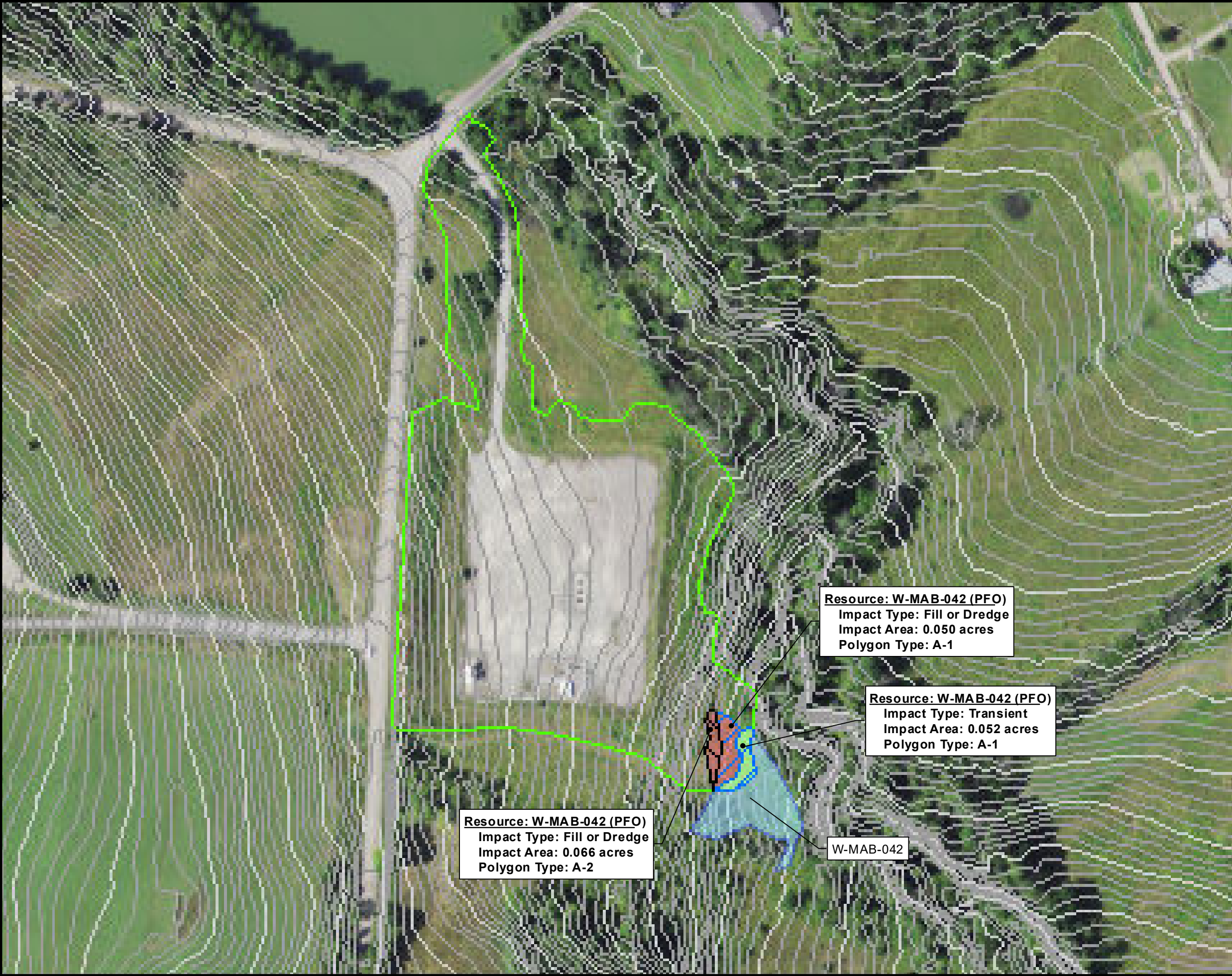- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

Resource: W-SLH-043 / W-SLH-044 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.018 acres
Polygon Type: A-2

W-SLH-044

Resource: W-SLH-041 / W-SLH-042 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.014 acres
Polygon Type: A-2

W-SLH-041

W-SLH-043

W-SLH-039

W-SLH-042

MIW-SLH-011

W-SLH-040

Resource: W-SLH-039 / W-SLH-040 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.022 acres
Polygon Type: A-2

0   150   300
Feet

0   30   60
Meters

CHESAPEAKE APPALACHIA LLC
FLASH BRA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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ENERGY

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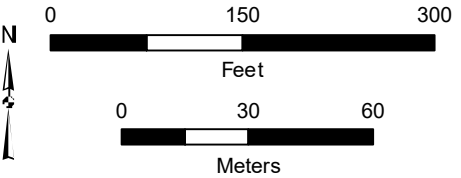
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

Resource: W-MAB-042 (PFO)
Impact Type: Fill or Dredge
Impact Area: 0.050 acres
Polygon Type: A-1

Resource: W-MAB-042 (PFO)
Impact Type: Transient
Impact Area: 0.052 acres
Polygon Type: A-1

Resource: W-MAB-042 (PFO)
Impact Type: Fill or Dredge
Impact Area: 0.066 acres
Polygon Type: A-2

W-MAB-042

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
GREGORY BRA PAD
SITE PLAN
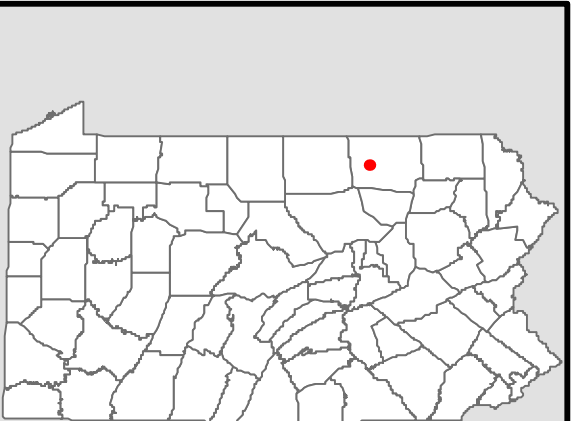
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CHESAPEAKE
ENERGY

Document Path: E:\For Mo_GIS\Chesapeake Energy\Agency Impact Mapping 20200911\MXD\Master Agency Mapping Polygons 20201217_FINAL.mxd

Date Saved: 12/17/2020

Resource: W-GJM-021 (PEM)
Impact Type: Transient
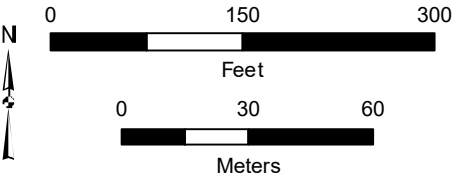Impact Area: 0.020 acres
Polygon Type: A-1

W-GJM-021

MIW-GJM-023

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

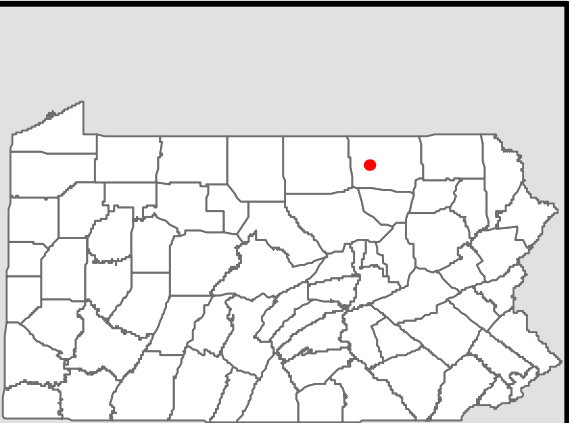0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
HARRY BRA PAD
SITE PLAN

DATE: 12/17/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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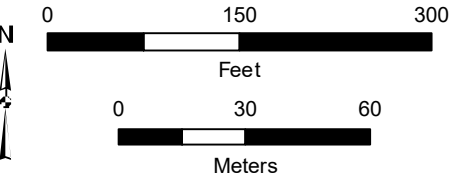
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration

Fill or Dredge

A-1 Polygon

A-2 Polygon

A-2 Impact

MIW-GJM-023

N

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
HARRY BRA PAD
SITE PLAN

DATE: 12/17/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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Date Saved: 12/17/2020

LOCATION MAP

Resource: W-MAB-083 / W-MAB-084 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.226 acres
Polygon Type: A-2

Resource: W-MAB-084 (PEM)
Impact Type: Transient
Impact Area: 0.239 acres
Polygon Type: A-1

Resource: W-MAB-081 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.013 acres
Polygon Type: A-2

Resource: W-MAB-081 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.036 acres
Polygon Type: A-1

W-MAB-084

W-MAB-081

W-MAB-081

W-MAB-083

S-MAB-040

Resource: W-MAB-083 (PEM)
Impact Type: Transient
Impact Area: 0.047 acres
Polygon Type: A-1

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

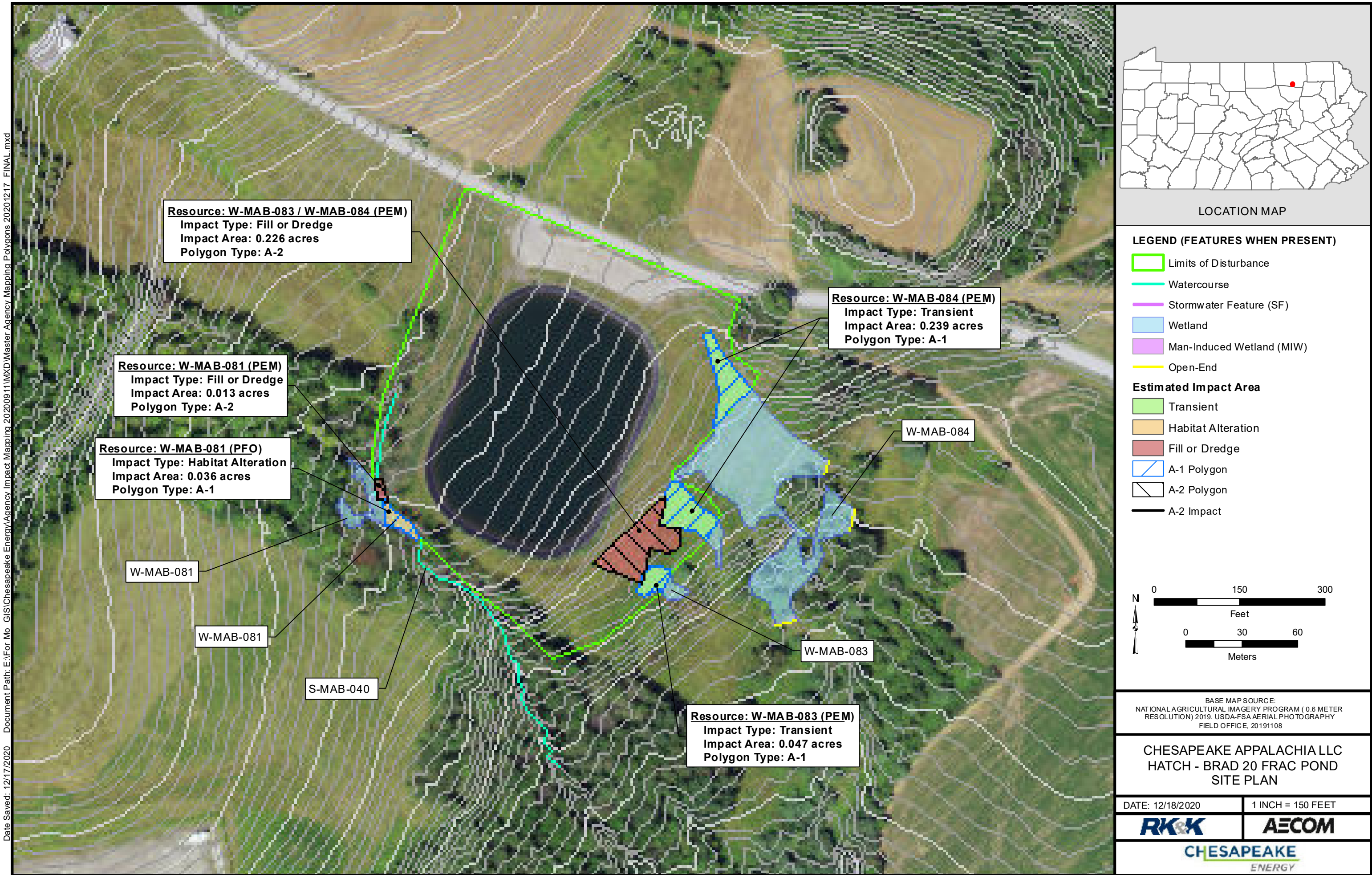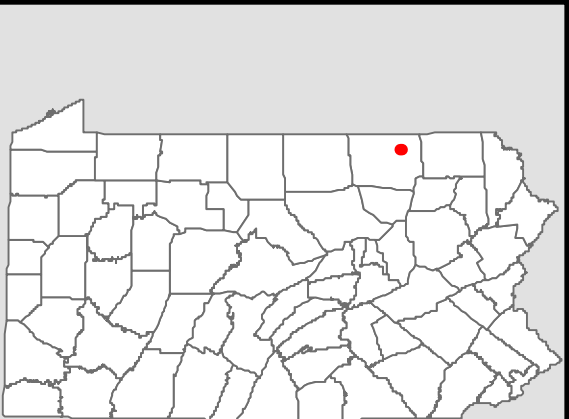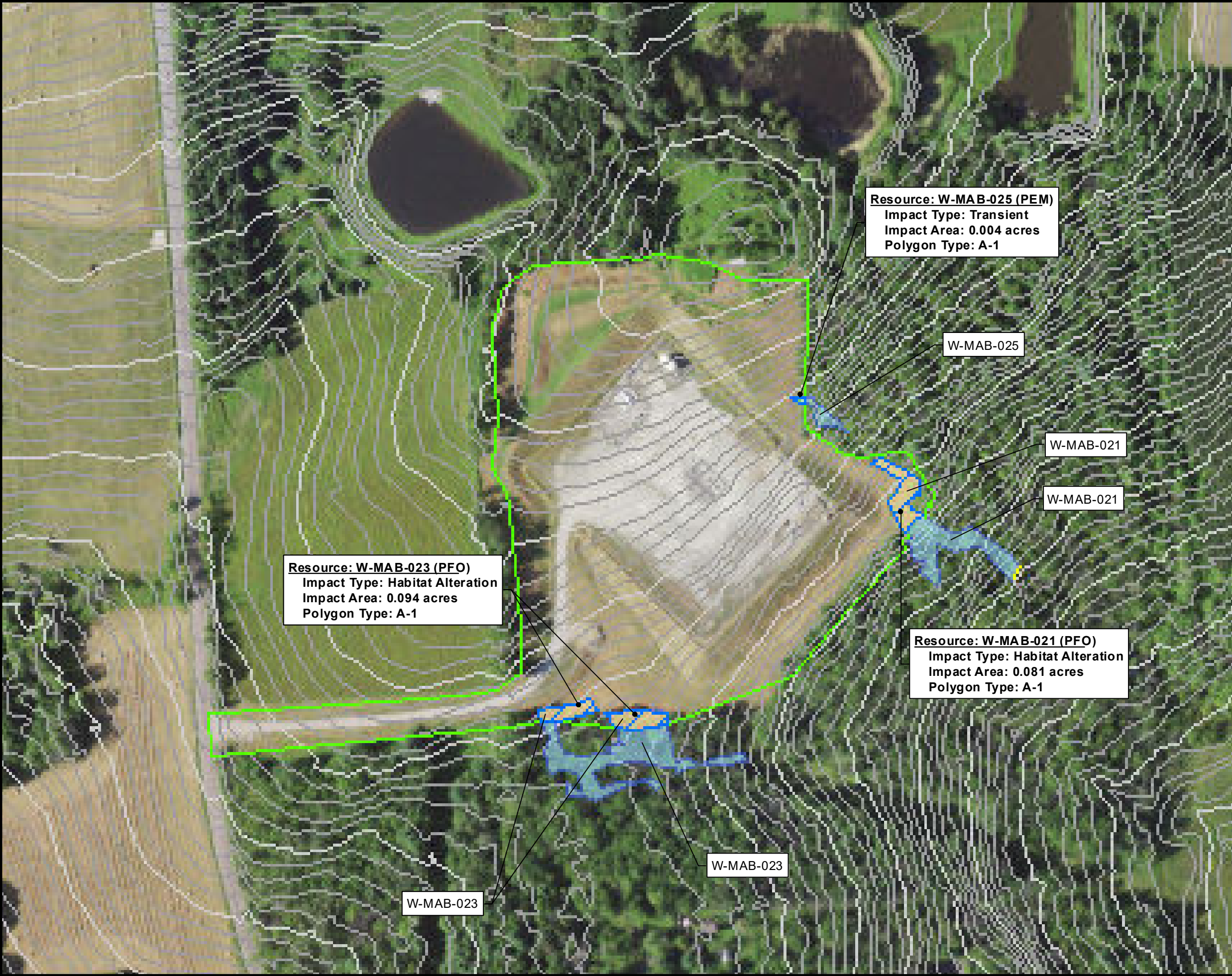0   150   300
Feet

0   30   60
Meters

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BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
HATCH - BRAD 20 FRAC POND
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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CHESAPEAKE ENERGY

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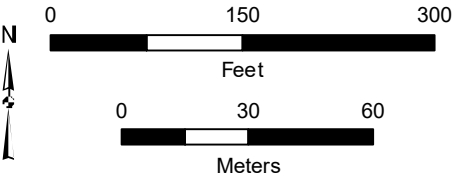
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

Resource: W-MAB-025 (PEM)
Impact Type: Transient
Impact Area: 0.004 acres
Polygon Type: A-1

W-MAB-025

W-MAB-021

W-MAB-021

Resource: W-MAB-023 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.094 acres
Polygon Type: A-1

Resource: W-MAB-021 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.081 acres
Polygon Type: A-1

W-MAB-023

W-MAB-023

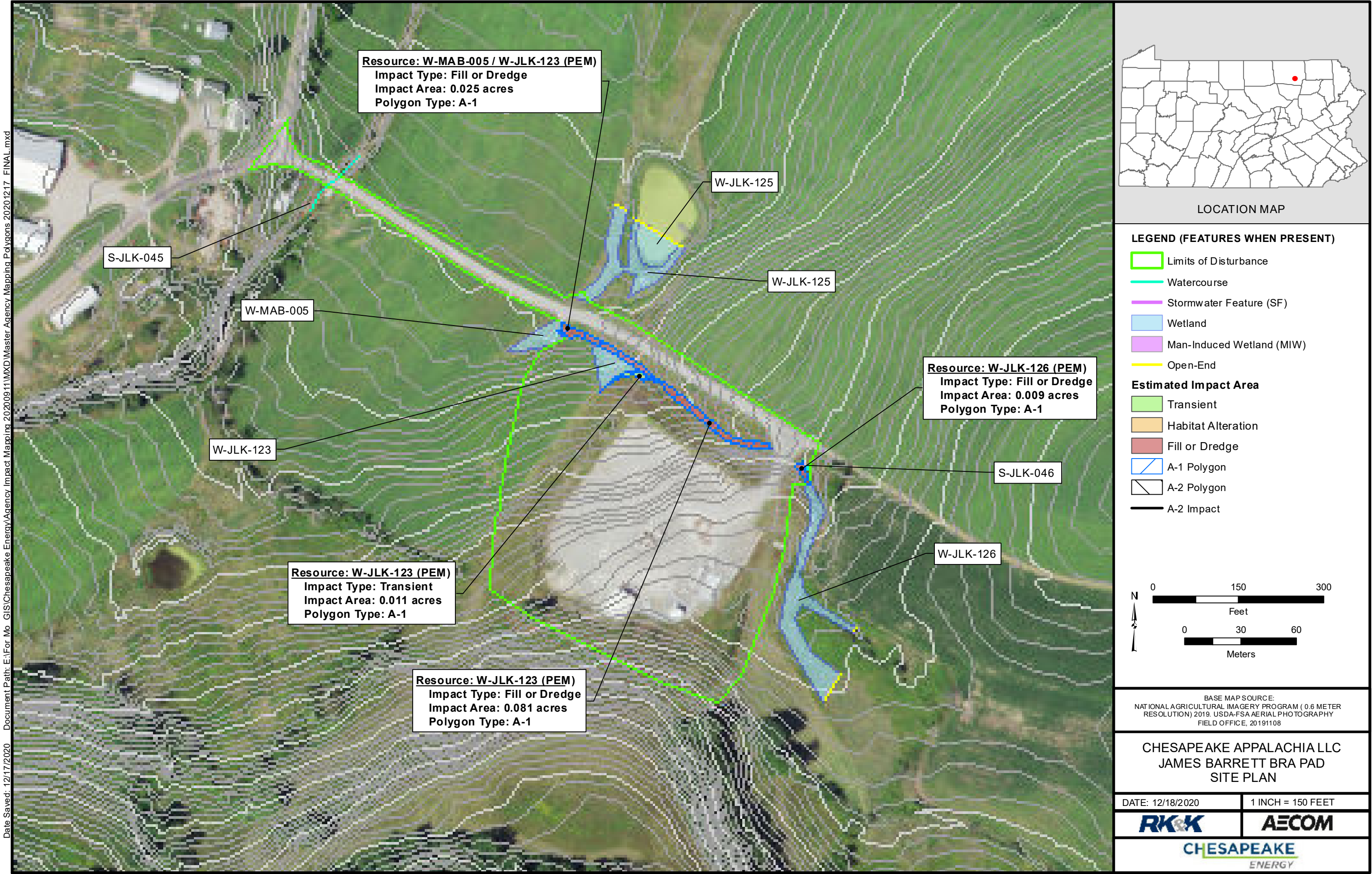0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

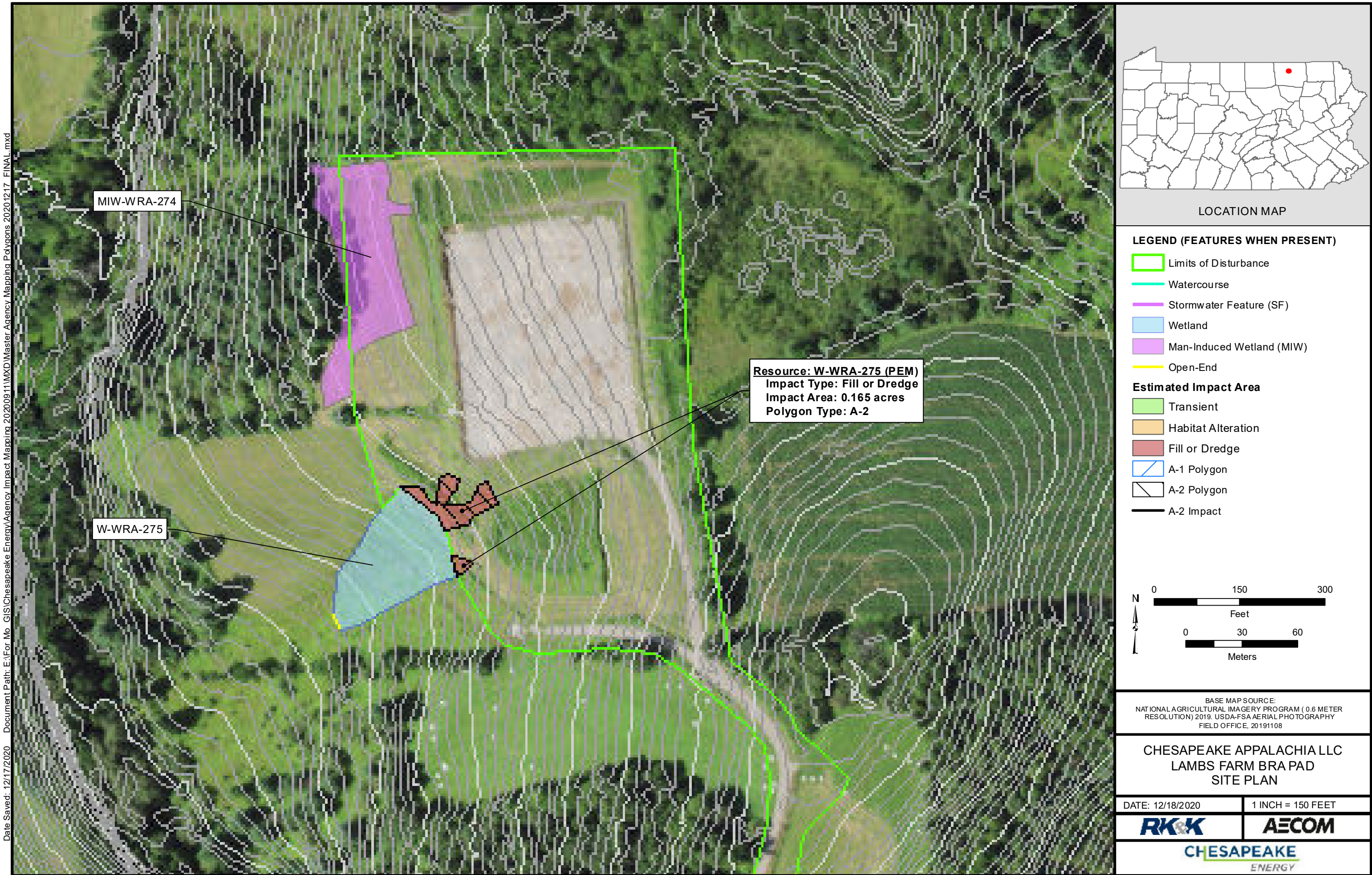CHESAPEAKE APPALACHIA LLC
JACOBS BRA PAD
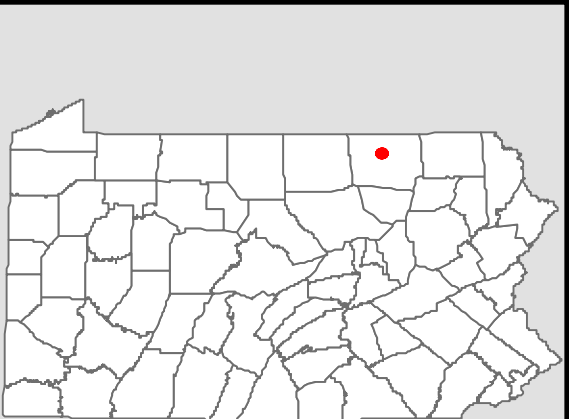SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

RK&K   **AECOM**

CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- ▭ Limits of Disturbance
- ▬ Watercourse
- ▬ Stormwater Feature (SF)
- ▬ Wetland
- ▬ Man-Induced Wetland (MIW)
- ▬ Open-End

Estimated Impact Area

- ▬ Transient
- ▬ Habitat Alteration
- ▬ Fill or Dredge
- ▭ A-1 Polygon
- ▭ A-2 Polygon
- ▬ A-2 Impact

Resource: W-MAB-005 / W-JLK-123 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.025 acres
Polygon Type: A-1

Resource: W-JLK-126 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.009 acres
Polygon Type: A-1

Resource: W-JLK-123 (PEM)
Impact Type: Transient
Impact Area: 0.011 acres
Polygon Type: A-1

Resource: W-JLK-123 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.081 acres
Polygon Type: A-1

S-JLK-045
W-JLK-125
W-JLK-125
W-MAB-005
W-JLK-123
S-JLK-046
W-JLK-126

0   150   300
Feet

0   30   60
Meters

N

**CHESAPEAKE APPALACHIA LLC
JAMES BARRETT BRA PAD
SITE PLAN**

DATE: 12/18/2020 | 1 INCH = 150 FEET

RK&K   **AECOM**

CHESAPEAKE ENERGY

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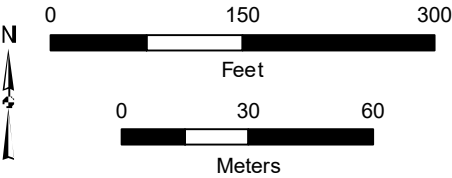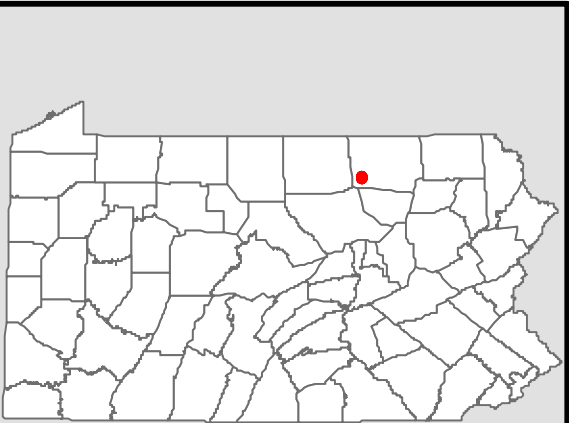
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

MIW-WRA-274

Resource: W-WRA-275 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.165 acres
Polygon Type: A-2

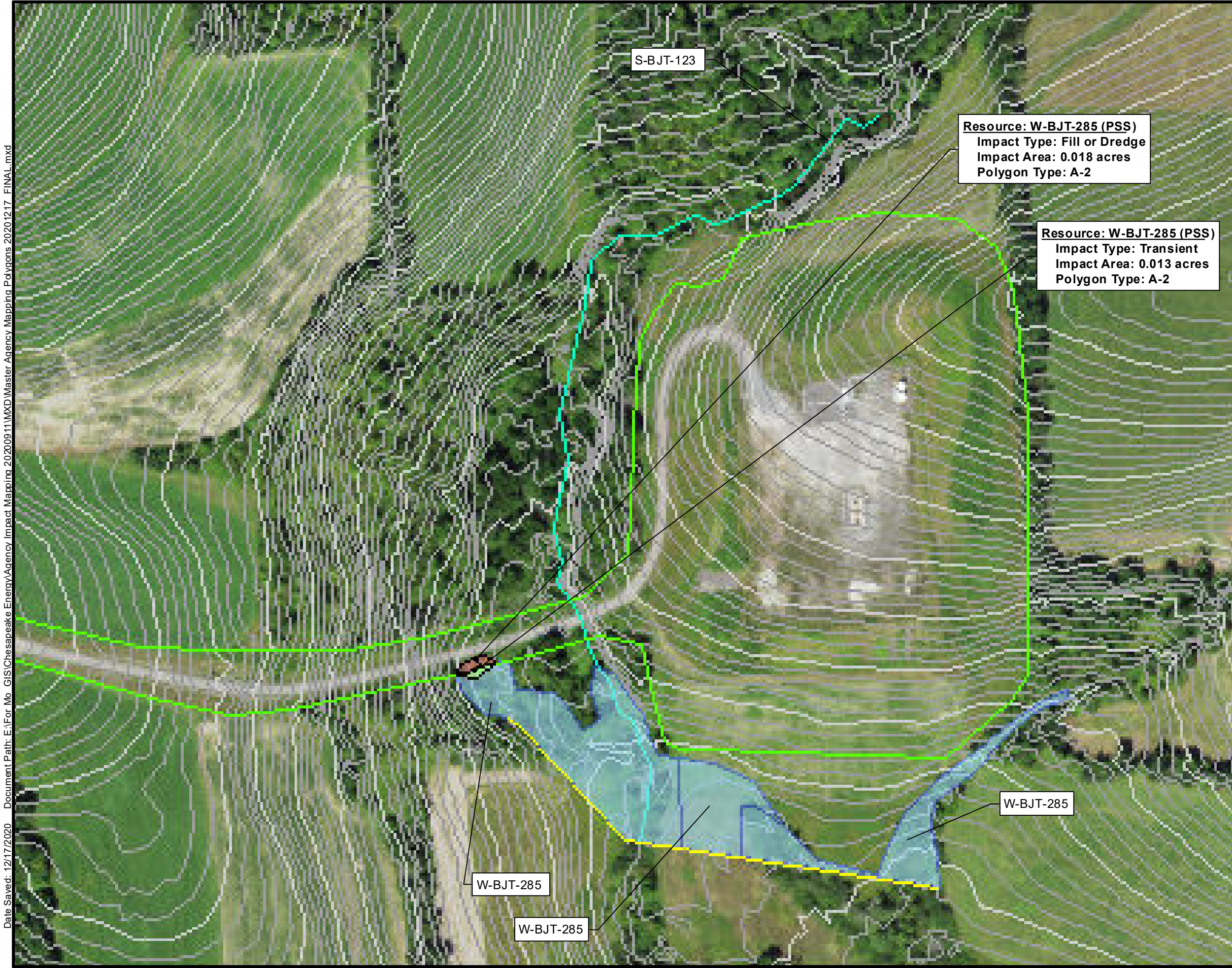W-WRA-275

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
LAMBS FARM BRA PAD
SITE PLAN

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RK&K   AECOM

CHESAPEAKE
ENERGY

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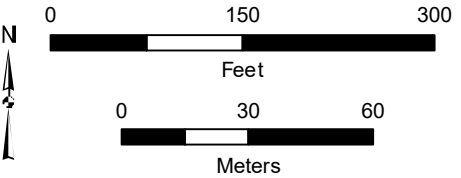
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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LAMBS FARM BRA PAD
SITE PLAN

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S-BJT-123

Resource: W-BJT-285 (PSS)
Impact Type: Fill or Dredge
Impact Area: 0.018 acres
Polygon Type: A-2

Resource: W-BJT-285 (PSS)
Impact Type: Transient
Impact Area: 0.013 acres
Polygon Type: A-2
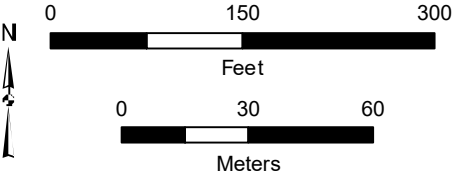
W-BJT-285

W-BJT-285

W-BJT-285

W-BJT-285

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area
- Transient
- Habitat Alteration
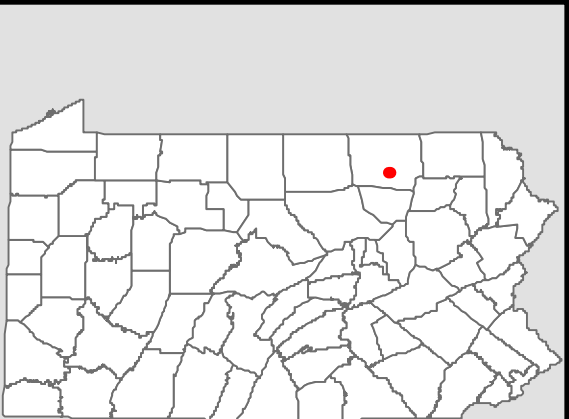- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
Feet

0   30   60
Meters

N

CHESAPEAKE APPALACHIA LLC
LEMOREVIEW FARMS BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration

Fill or Dredge

A-1 Polygon

A-2 Polygon

A-2 Impact
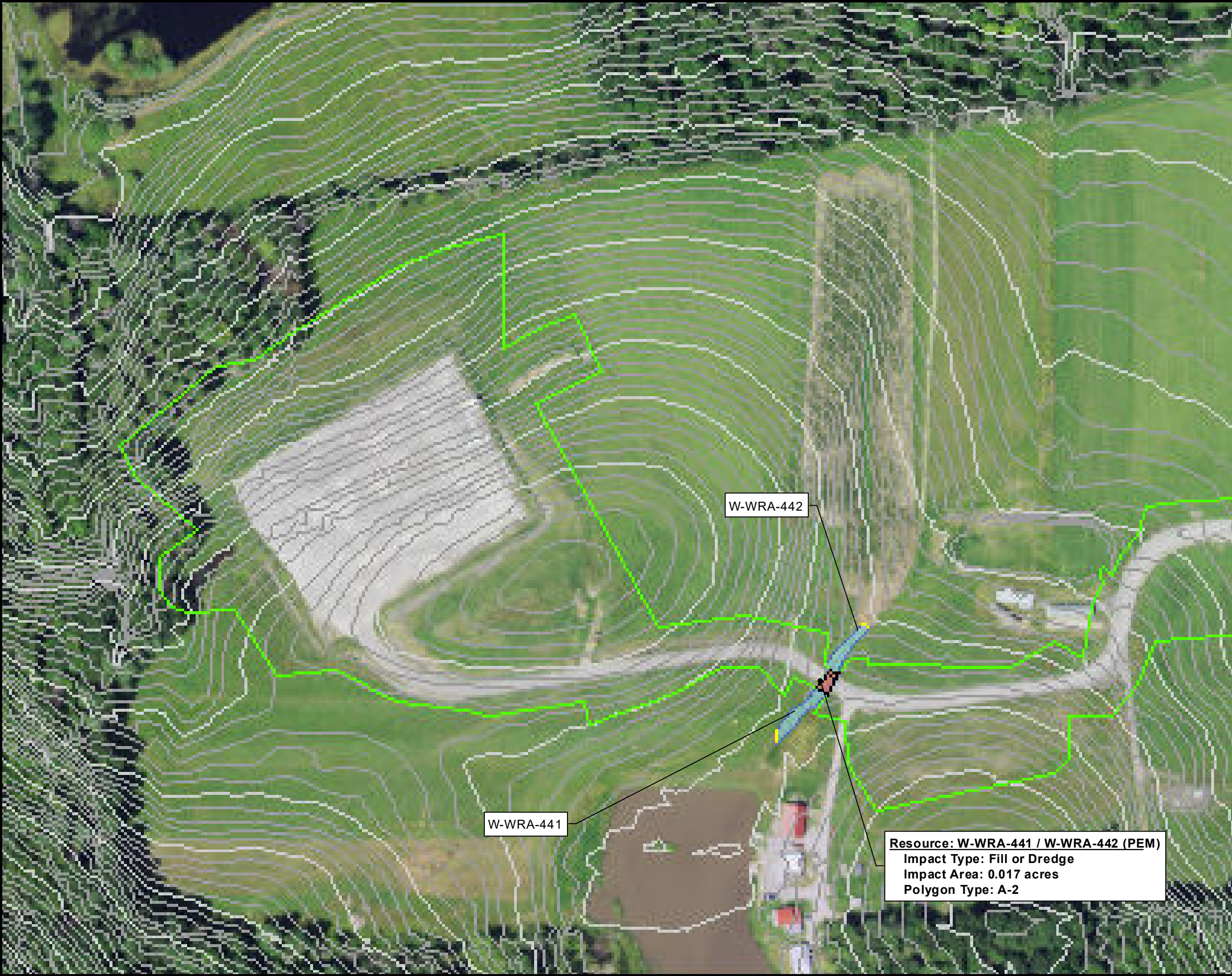
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Feet

0   30   60
Meters

BASE MAP SOURCE:
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RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
LEMOREVIEW FARMS BRA PAD
SITE PLAN

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ENERGY

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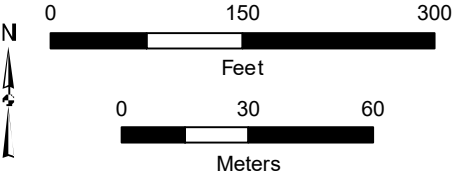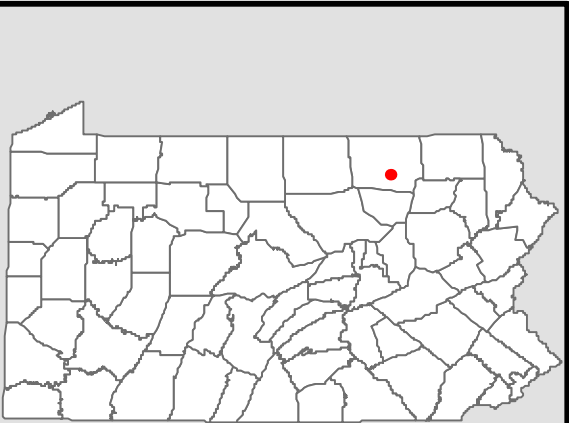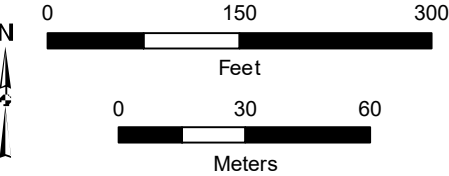
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

W-WRA-442

W-WRA-441

Resource: W-WRA-441 / W-WRA-442 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.017 acres
Polygon Type: A-2

N

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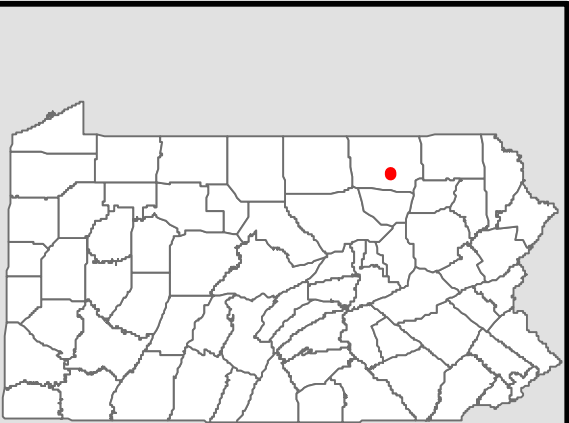Feet

0   30   60
Meters

BASE MAP SOURCE:
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FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
LUCY BRA PAD
SITE PLAN

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

N

0   150   300
Feet
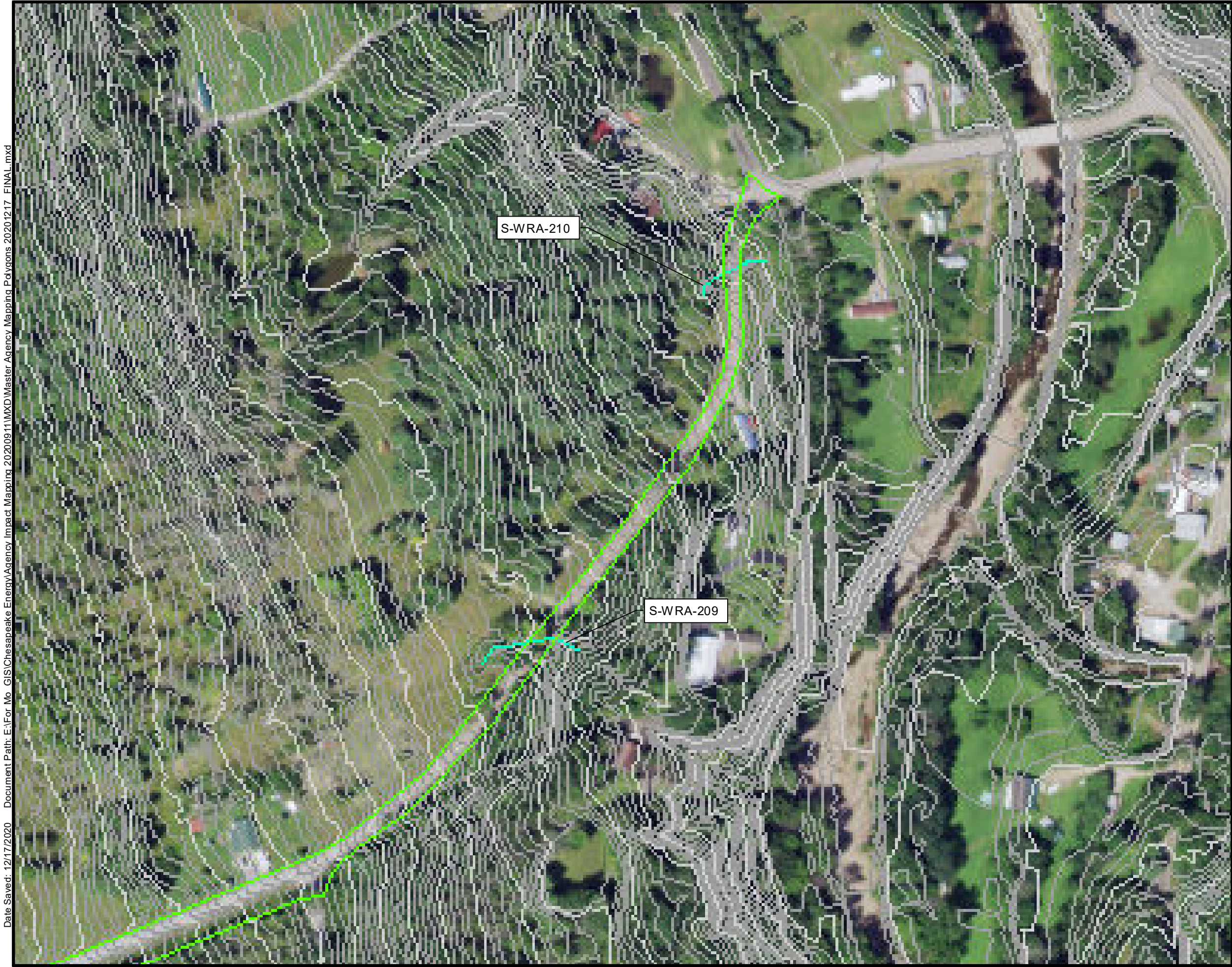
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Meters

BASE MAP SOURCE:
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CHESAPEAKE APPALACHIA LLC
LUCY BRA PAD
SITE PLAN

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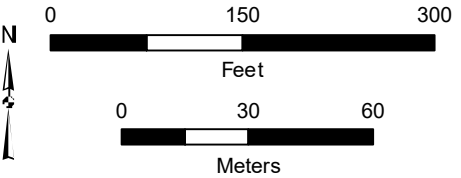
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

S-WRA-210

S-WRA-209

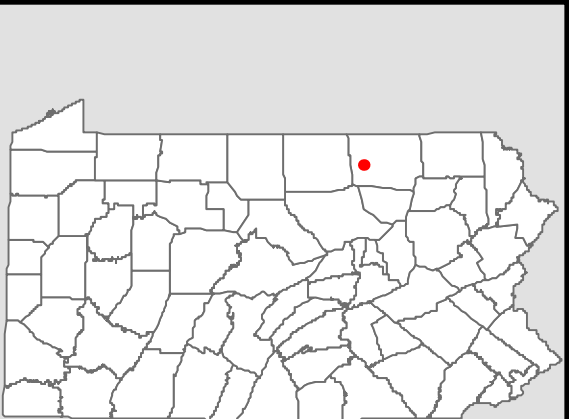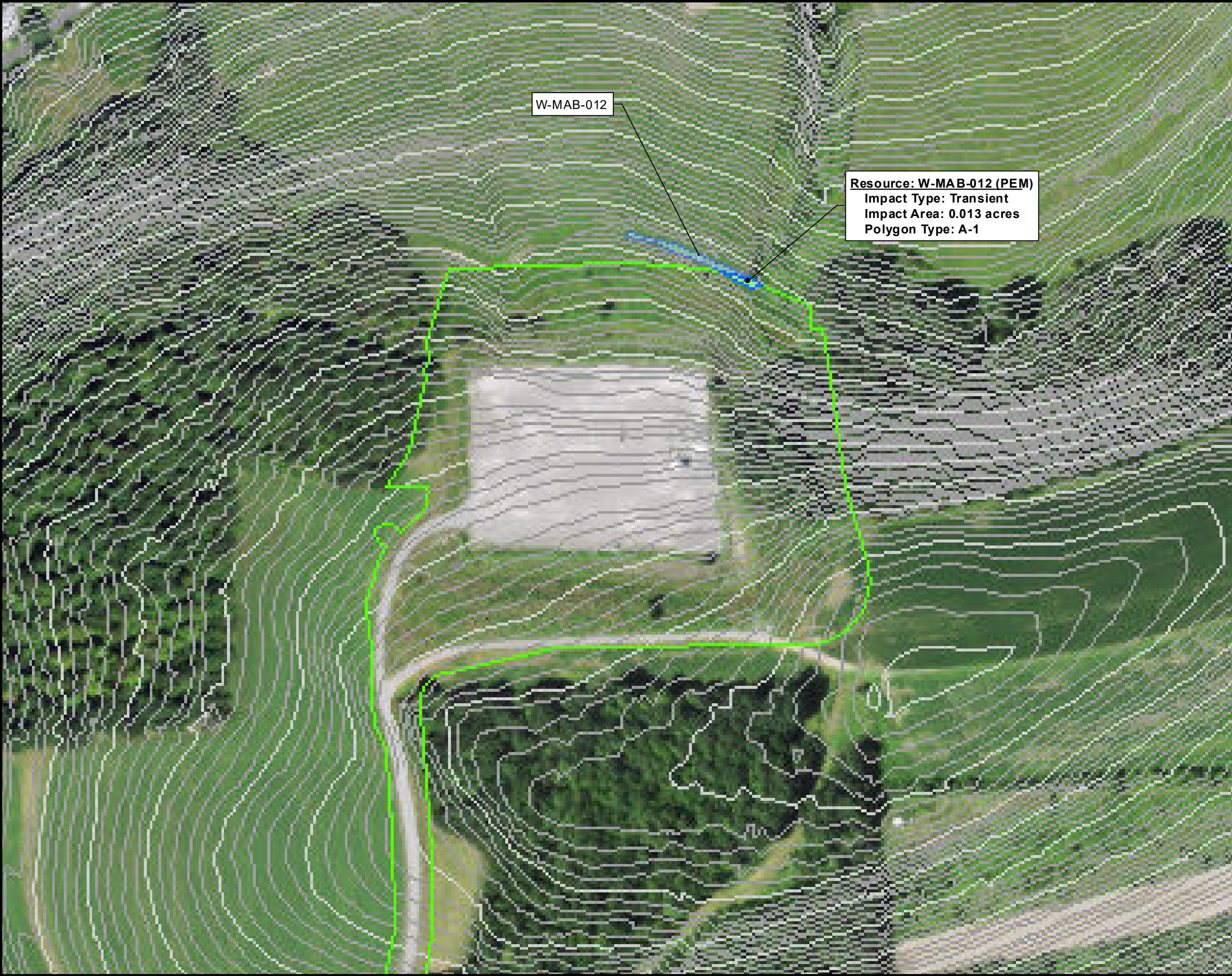0   150   300
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0   30   60
Meters

BASE MAP SOURCE:
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RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
LUCY BRA PAD
SITE PLAN

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W-MAB-012

Resource: W-MAB-012 (PEM)
Impact Type: Transient
Impact Area: 0.013 acres
Polygon Type: A-1

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

0   150   300
Feet

0   30   60
Meters

N

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CHESAPEAKE APPALACHIA LLC
MATT WILL FARMS BRA PAD
SITE PLAN

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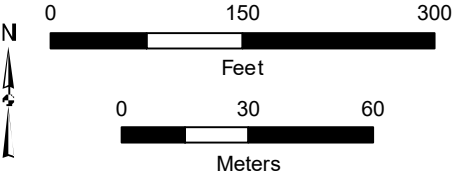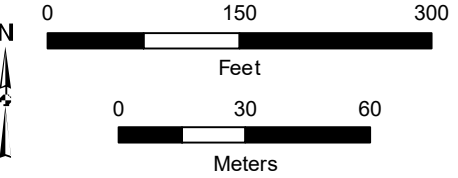
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
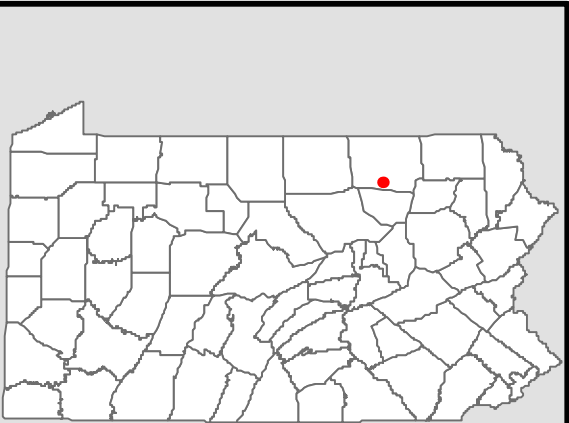Feet

0   30   60
Meters

BASE MAP SOURCE:
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CHESAPEAKE APPALACHIA LLC
MATT WILL FARMS BRA PAD
SITE PLAN

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

—— Limits of Disturbance

—— Watercourse

—— Stormwater Feature (SF)

—— Wetland

—— Man-Induced Wetland (MIW)

—— Open-End

Estimated Impact Area

▢ Transient

▢ Habitat Alteration

▢ Fill or Dredge

▢ A-1 Polygon

▢ A-2 Polygon

—— A-2 Impact

MIW-BJT-284

MIW-BJT-283

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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CHESAPEAKE APPALACHIA LLC
OILCAN BRA PAD
SITE PLAN

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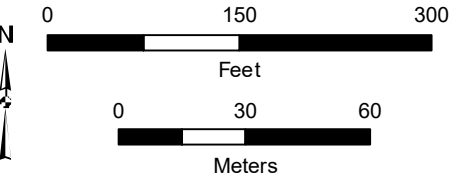
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration

Fill or Dredge

A-1 Polygon

A-2 Polygon

A-2 Impact

MIW-BJT-284

MIW-BJT-283

N

0   150   300
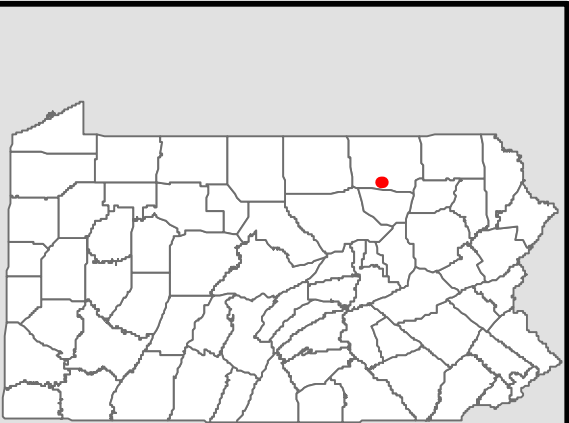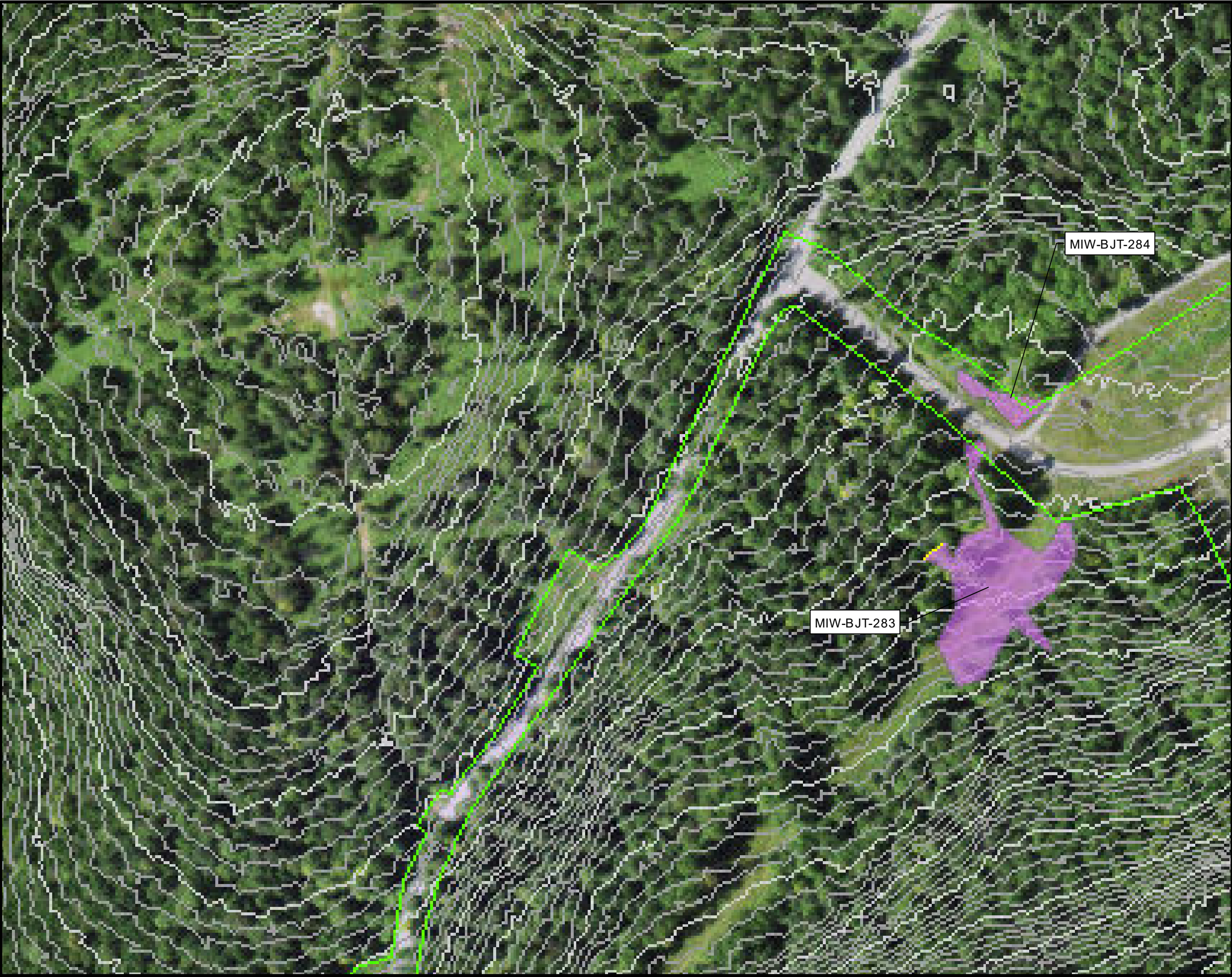Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
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CHESAPEAKE APPALACHIA LLC
OILCAN BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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ENERGY

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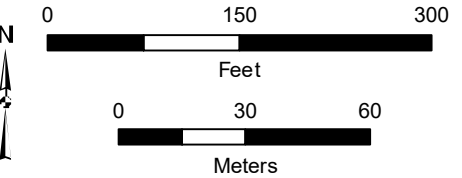
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

— Limits of Disturbance
— Watercourse
— Stormwater Feature (SF)
— Wetland
— Man-Induced Wetland (MIW)
— Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

MIW-BJT-278

Resource: S-BJT-121 (PER)
Impact Type: Fill or Dredge
Impact Length: 37 feet
Polygon Type: A-2

S-BJT-121

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
OILCAN BRA PAD
SITE PLAN

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CHESAPEAKE ENERGY

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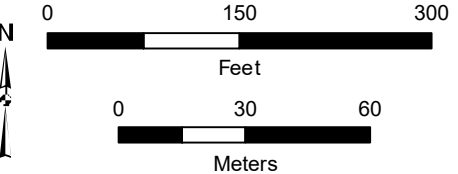
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

— Limits of Disturbance
— Watercourse
— Stormwater Feature (SF)
▢ Wetland
▢ Man-Induced Wetland (MIW)
— Open-End

Estimated Impact Area

▢ Transient
▢ Habitat Alteration
▢ Fill or Dredge
▢ A-1 Polygon
▢ A-2 Polygon
— A-2 Impact

0   150   300
Feet

0   30   60
Meters

CHESAPEAKE APPALACHIA LLC
OILCAN BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
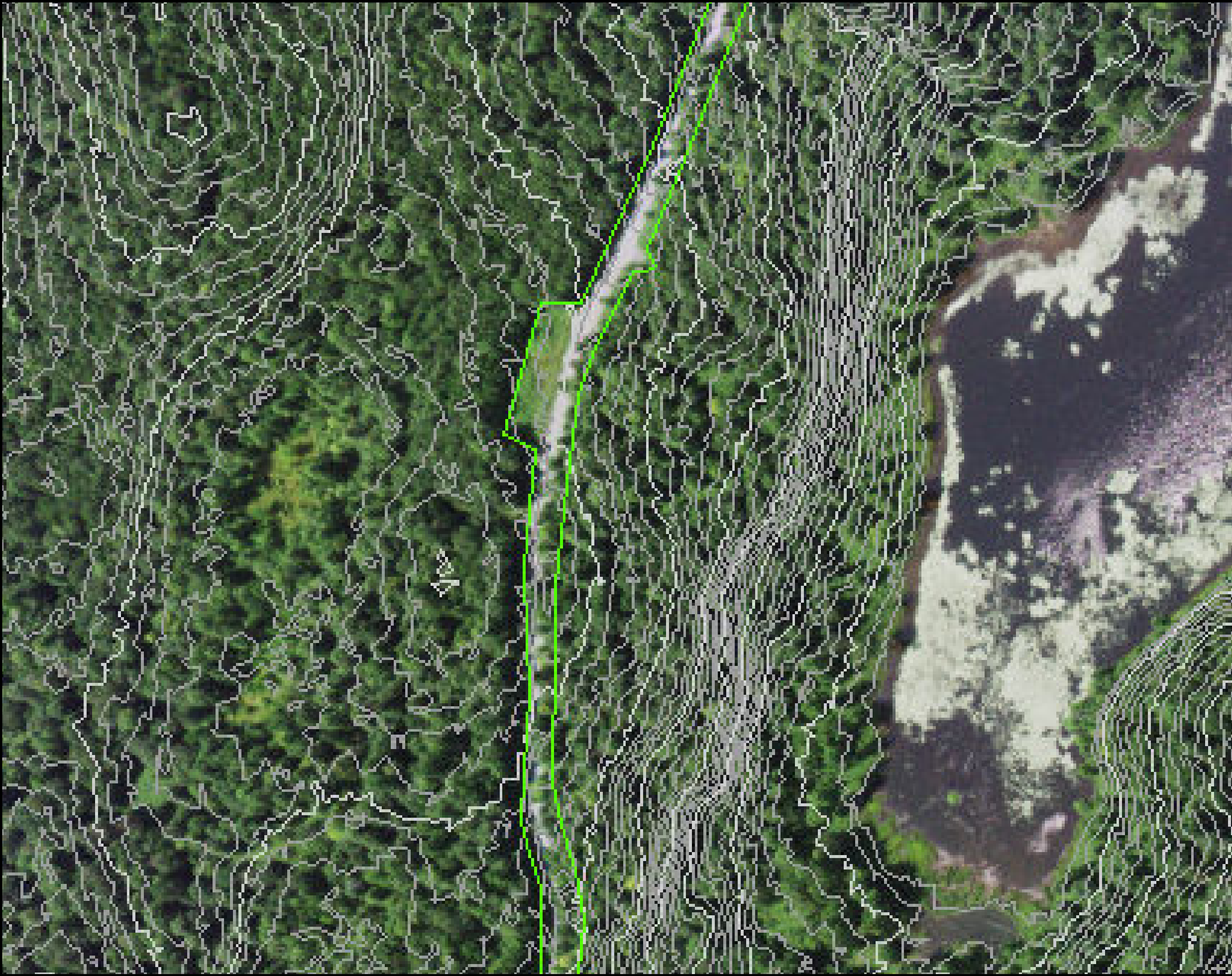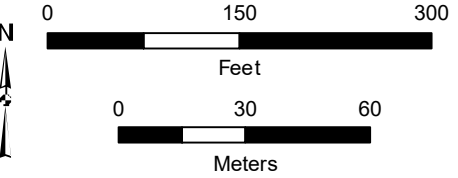- A-2 Impact

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
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FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
OILCAN BRA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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Resource: W-BJT-275 (PEM)
Impact Type: Transient
Impact Length: 0.003 acres
Polygon Type: A-1

Resource: S-BJT-120 (PER)
Impact Type: Fill or Dredge
Impact Length: 88 feet
Polygon Type: A-2

S-BJT-120

W-BJT-275

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

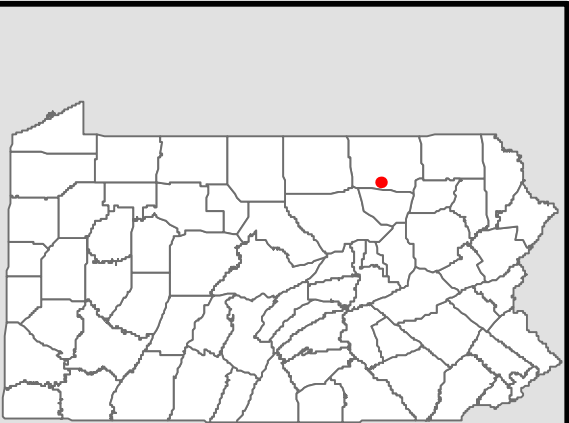0   150   300
Feet

0   30   60
Meters

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BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
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CHESAPEAKE APPALACHIA LLC
OILCAN BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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ENERGY

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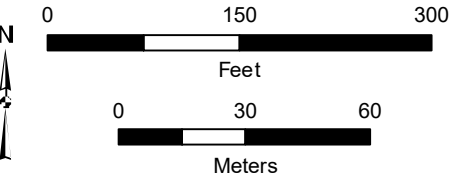
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

MIW-BJT-346

W-BJT-345A

Resource: W-BJT-345A (PEM)
Impact Type: Transient
Impact Area: 0.002 acres
Polygon Type: A-2

Resource: W-BJT-344 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.262 acres
Polygon Type: A-2

Resource: S-BJT-201 (INT)
Impact Type: Fill or Dredge
Impact Length: 128 feet
Polygon Type: A-2

W-BJT-344

W-BJT-344

W-BJT-344

S-BJT-201

S-BJT-202

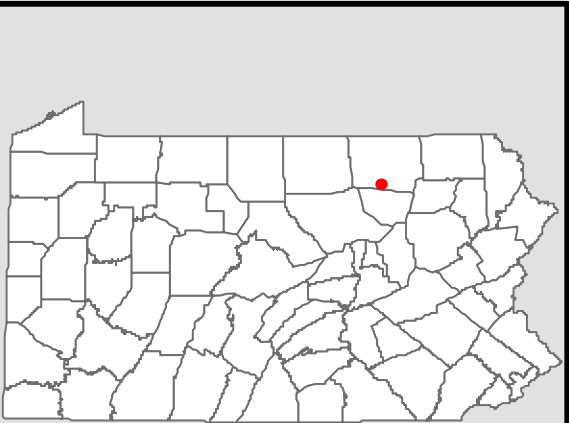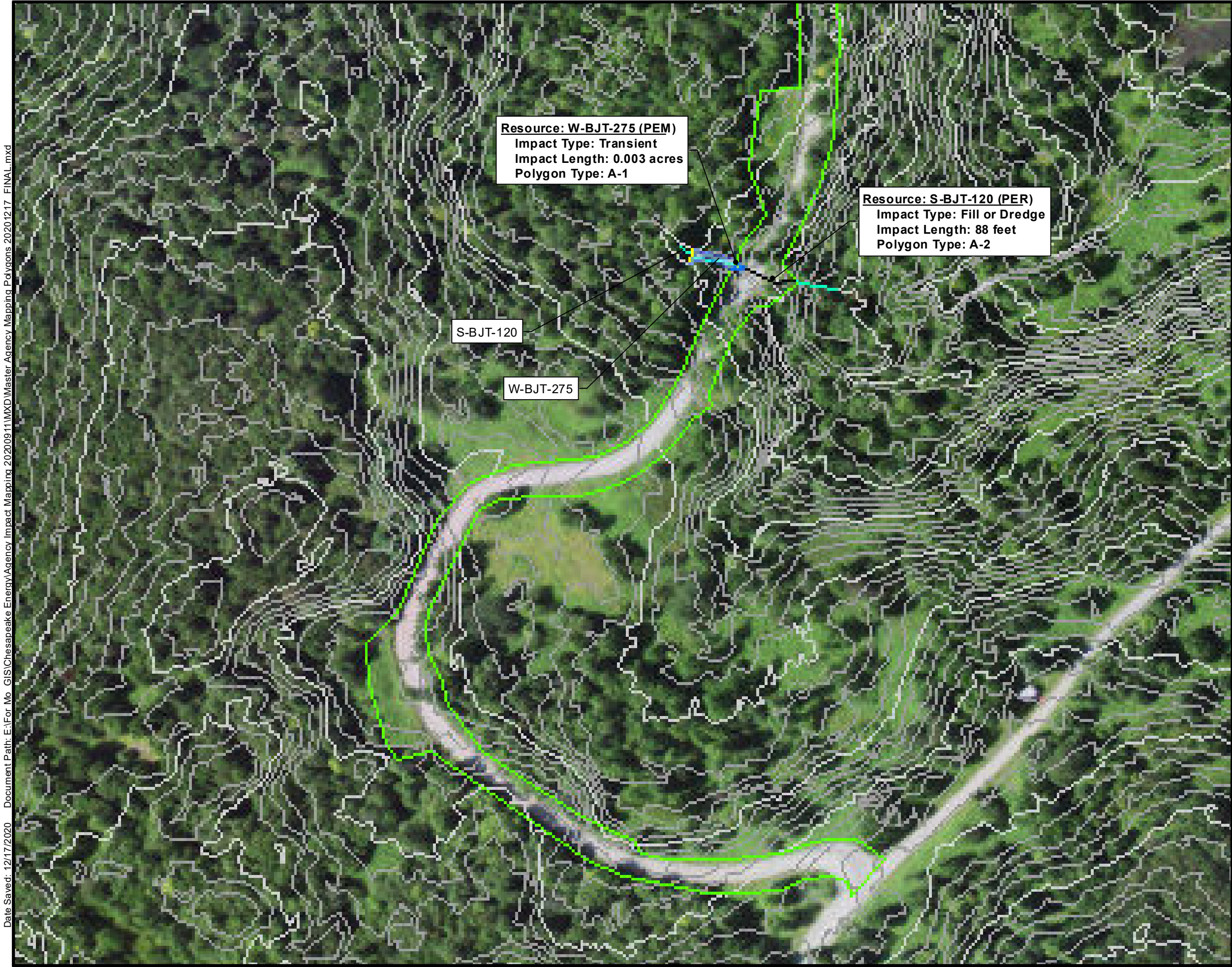0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
PACKARD BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
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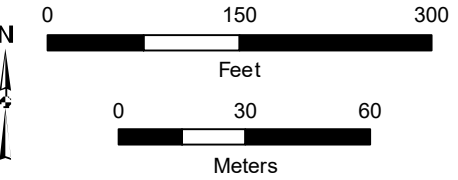
Resource: W-MAB-032 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.023 acres
Polygon Type: A-2

W-MAB-032

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

0   150   300
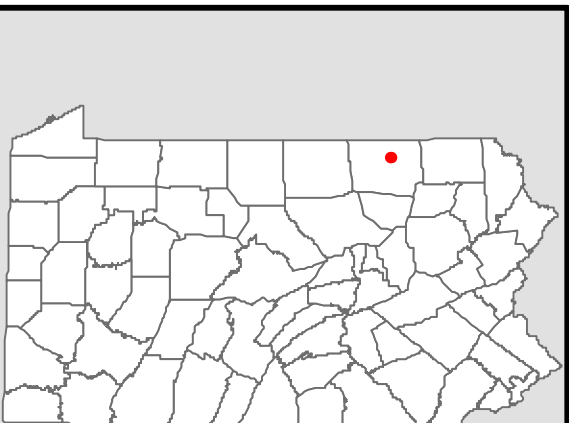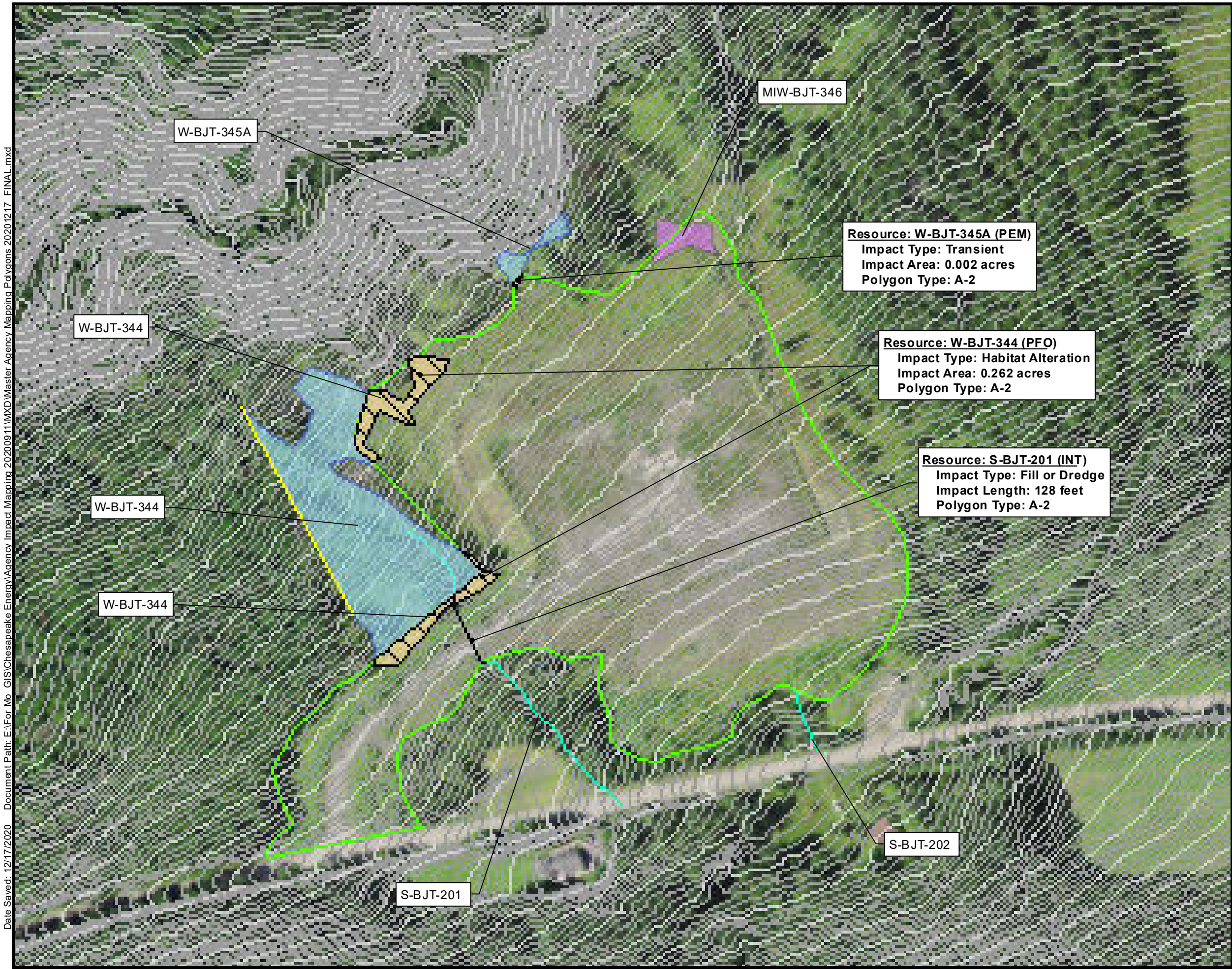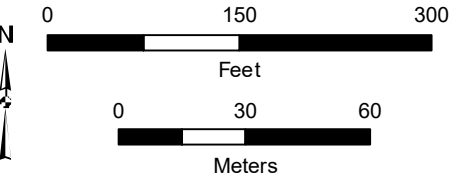Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
POTTER BRA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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S-MAB-030

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108
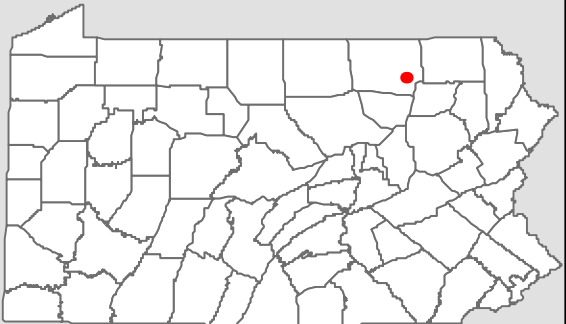
CHESAPEAKE APPALACHIA LLC
POTTER BRA PAD
SITE PLAN

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CHESAPEAKE
ENERGY

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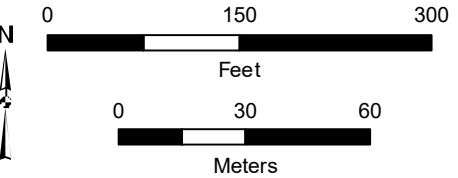
Date Saved: 12/17/2020

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

—— Limits of Disturbance
—— Watercourse
—— Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
—— Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
—— A-2 Impact

W-WRA-016

Resource: W-WRA-016 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.081 acres
Polygon: A-1

MIW-WRA-007

W-WRA-016

MIW-WRA-008

MIW-WRA-009

W-WRA-017

0   150   300
Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
SARAH BRA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

☐ Limits of Disturbance
— Watercourse
— Stormwater Feature (SF)
☐ Wetland
☐ Man-Induced Wetland (MIW)
— Open-End

Estimated Impact Area

☐ Transient
☐ Habitat Alteration
☐ Fill or Dredge
☐ A-1 Polygon
☐ A-2 Polygon
— A-2 Impact

MIW-WRA-010

0   150   300
Feet

0   30   60
Meters

CHESAPEAKE APPALACHIA LLC
SARAH BRA PAD
SITE PLAN

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CHESAPEAKE
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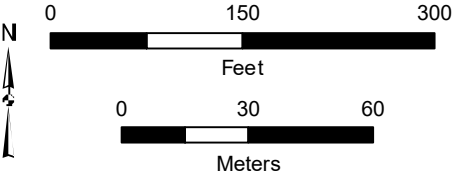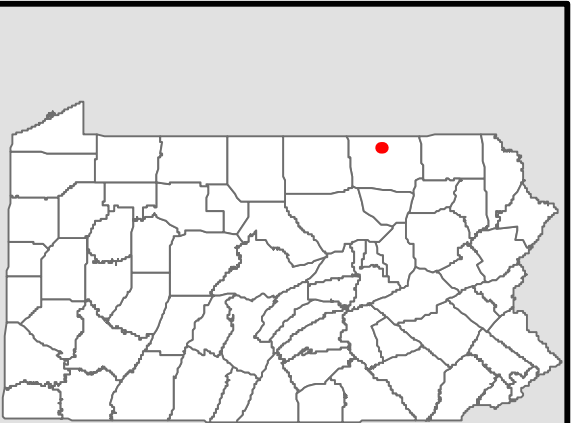
Resource: S-MAB-017 (INT)
Impact Type: Fill or Dredge
Impact Length: 656 feet
Polygon Type: A-2

SF-MAB-004

Resource: S-MAB-016 (INT)
Impact Type: Fill or Dredge
Impact Length: 50 feet
Polygon Type: A-2

S-MAB-017

SF-MAB-005

Resource: W-MAB-018 / W-MAB-052 (PFO)
Impact Type: Fill or Dredge
Impact Area: 0.526 acres
Polygon Type: A-2

Resource: W-MAB-052 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.022 acres
Polygon Type: A-2

W-MAB-018

W-MAB-052

MIW-MAB-008

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

▢ Limits of Disturbance
— Watercourse
— Stormwater Feature (SF)
▢ Wetland
▢ Man-Induced Wetland (MIW)
— Open-End

Estimated Impact Area

▢ Transient
▢ Habitat Alteration
▢ Fill or Dredge
▢ A-1 Polygon
▢ A-2 Polygon
— A-2 Impact
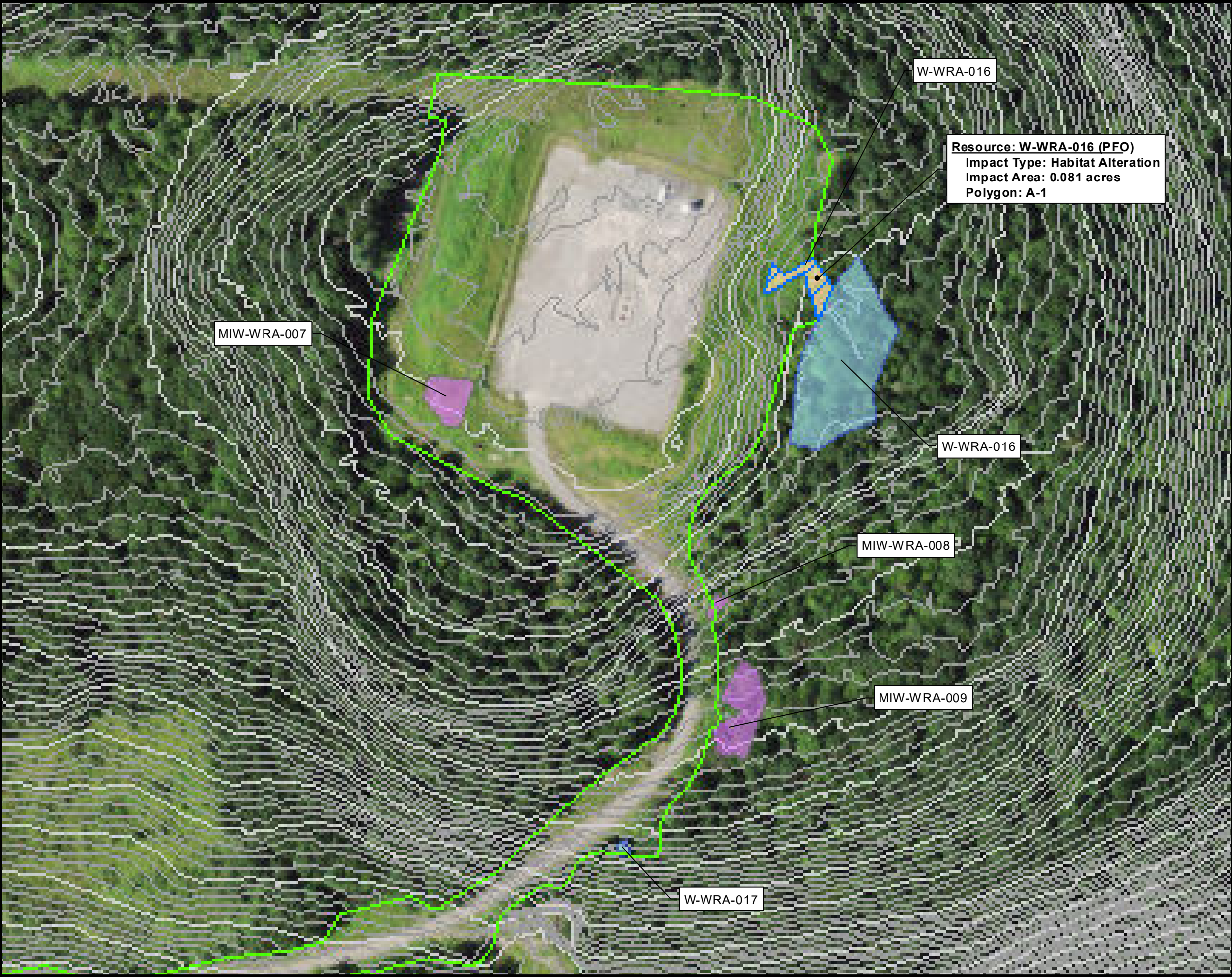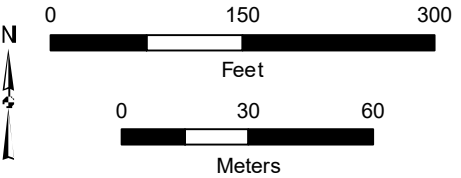
| 0 | 150 | 300 |
Feet

| 0 | 30 | 60 |
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
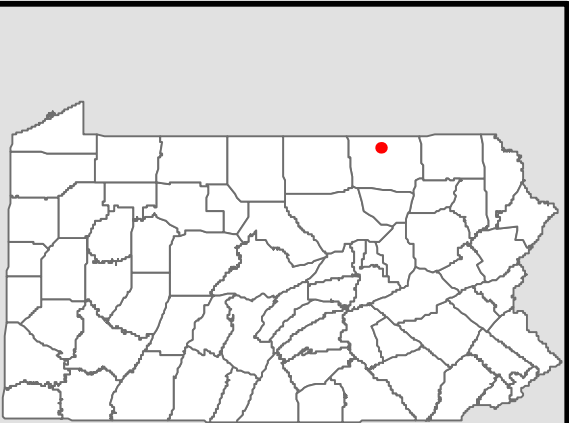RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
SGL 289B BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE ENERGY

Resource: S-MAB-010 (PER)
Impact Type: Fill or Dredge
Impact Length: 99 feet
Polygon Type: A-2

Resource: S-MAB-012 (PER)
Impact Type: Fill or Dredge
Impact Length: 57 feet
Polygon Type: A-2

S-MAB-010

S-MAB-012

Resource: S-MAB-011 (PER)
Impact Type: Fill or Dredge
Impact Length: 112 feet
Polygon Type: A-2

S-MAB-011

SF-MAB-003

S-MAB-016

SF-MAB-004

Resource: S-MAB-016 (INT)
Impact Type: Fill or Dredge
Impact Length: 50 feet
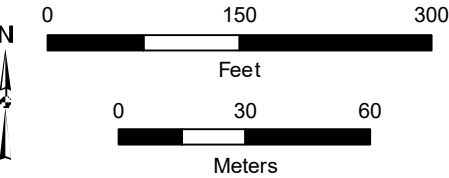Polygon Type: A-2

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

— Limits of Disturbance
— Watercourse
— Stormwater Feature (SF)
  Wetland
  Man-Induced Wetland (MIW)
— Open-End

Estimated Impact Area

  Transient
  Habitat Alteration
  Fill or Dredge
  A-1 Polygon
  A-2 Polygon
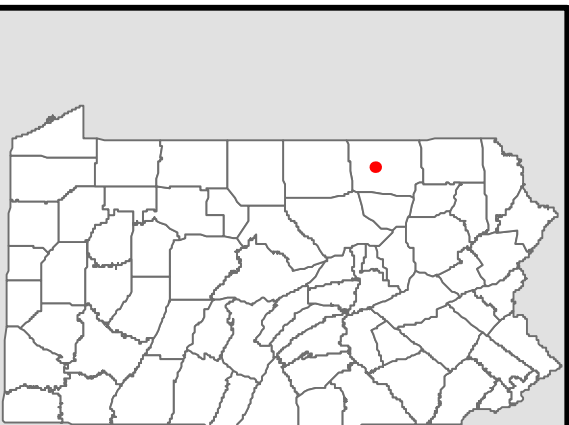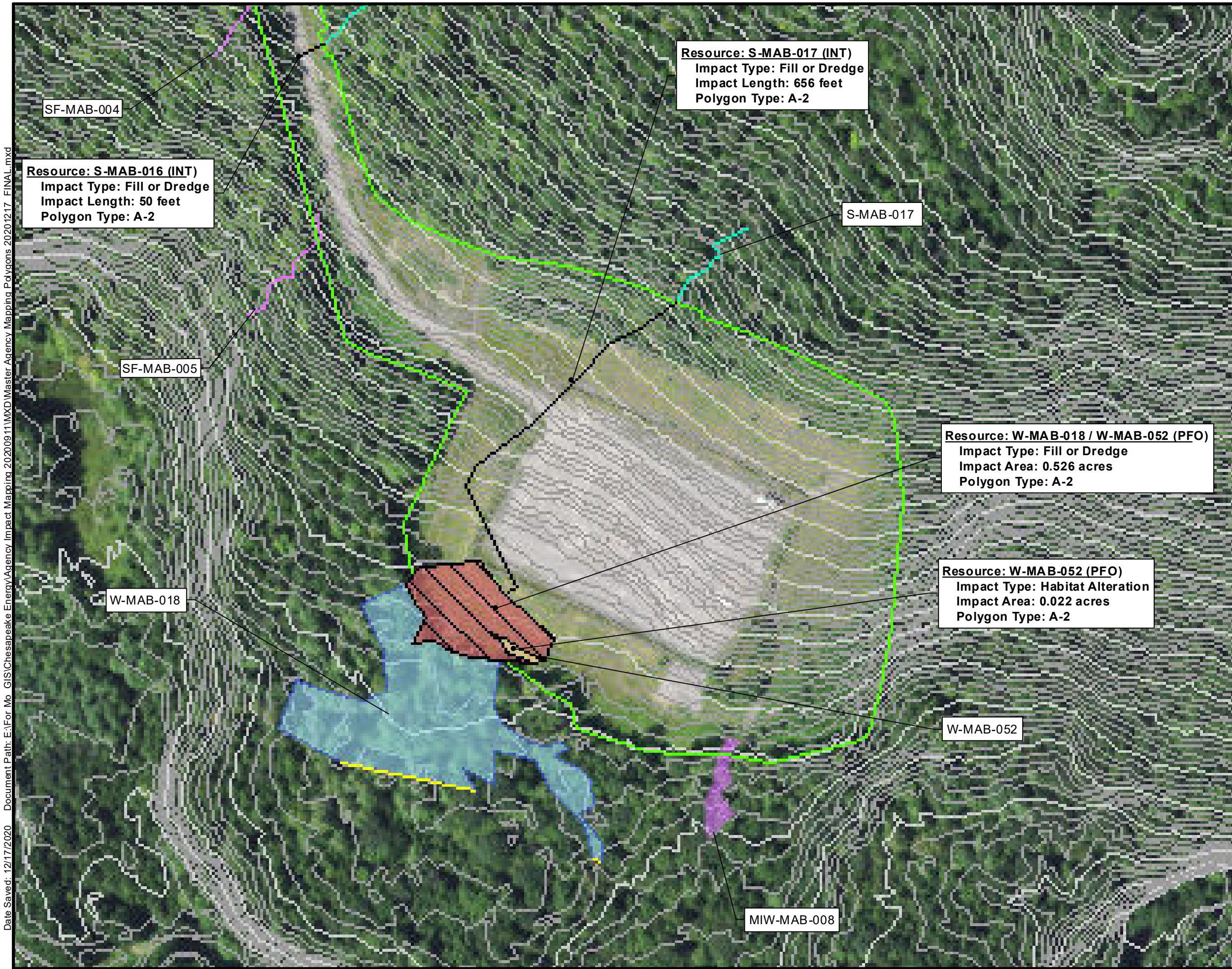— A-2 Impact

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
SGL 289B BRA PAD
SITE PLAN

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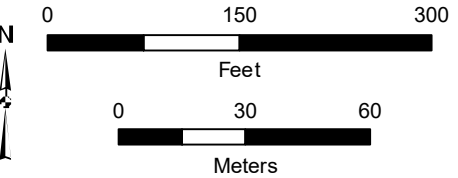
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

Resource: W-MAB-014 (PSS)
Impact Type: Fill or Dredge
Impact Area: 0.025 acres
Polygon Type: A-2

Resource: S-MAB-009 (PER)
Impact Type: Fill or Dredge
Impact Length: 106 feet
Polygon Type: A-2

Resource: S-MAB-008 (INT)
Impact Type: Fill or Dredge
Impact Length: 167 feet
Polygon Type: A-2

W-MAB-014
S-MAB-008
MIW-MAB-005
MIW-MAB-004
S-MAB-009
S-MAB-007
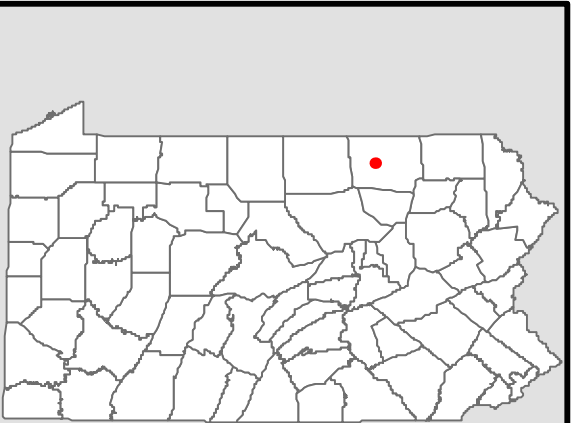S-MAB-010

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
SGL 289B BRA PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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ENERGY

W-DHB-002

Resource: W-DHB-002 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.047 acres
Polygon Type: A-1

W-DHB-003

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

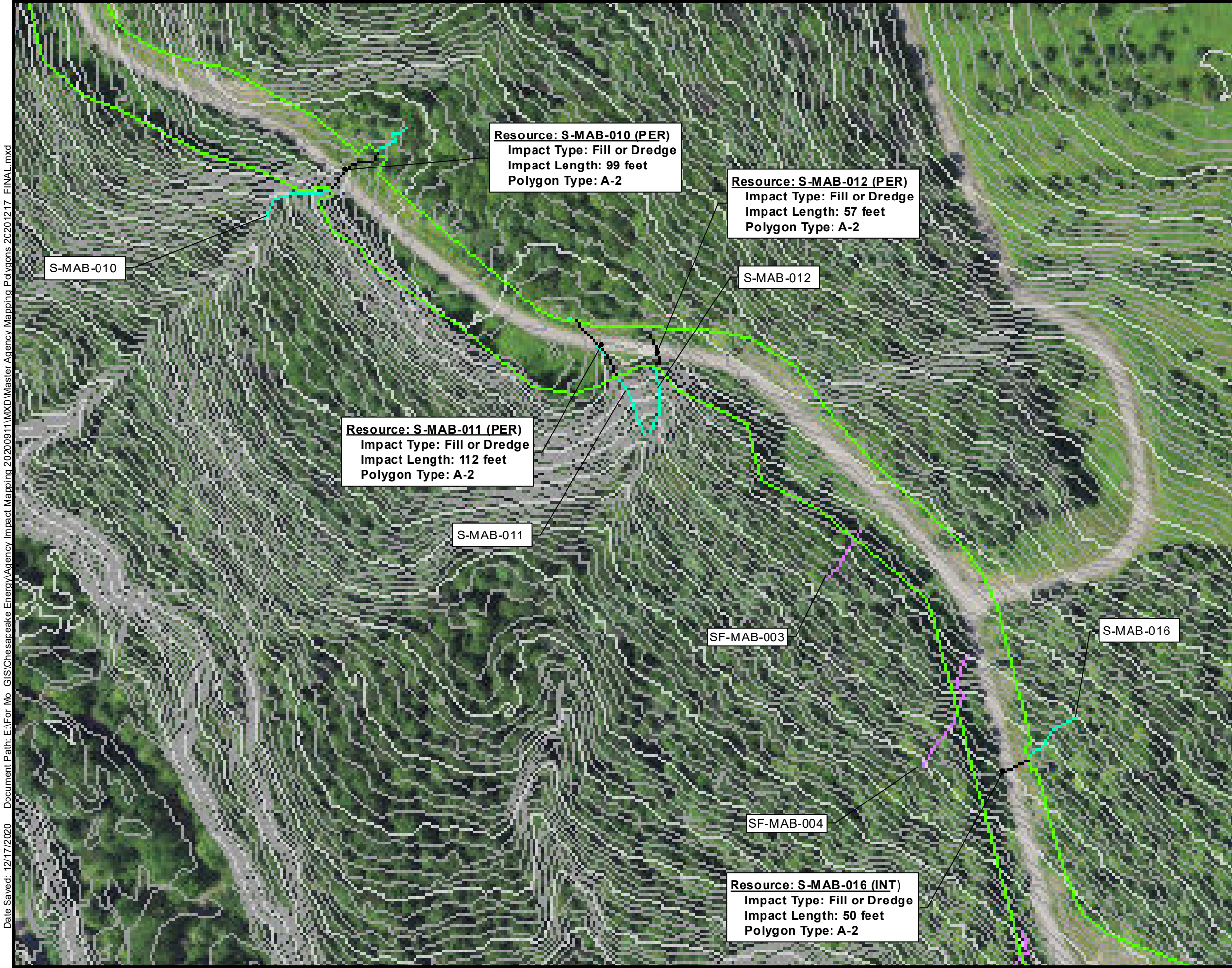0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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CHESAPEAKE APPALACHIA LLC
STEMPEL BRA PAD
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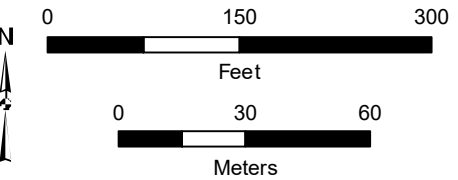
LOCATION MAP

W-WRA-025

W-WRA-025

W-WRA-025

W-WRA-026

W-WRA-026

W-WRA-026

Resource: W-WRA-025 (PFO)
   Impact Type: Habitat Alteration
   Impact Area: 0.458 acres
   Polygon Type: A-1

Resource: W-WRA-025 (PFO)
   Impact Type: Fill or Dredge
   Impact Area: 0.125 acres
   Polygon Type: A-2

W-WRA-024

Resource: W-WRA-024 (PEM)
   Impact Type: Fill or Dredge
   Impact Area: 0.092 acres
   Polygon Type: A-2

Resource: W-WRA-026 (PFO)
   Impact Type: Habitat Alteration
   Impact Area: 0.329 acres
   Polygon Type: A-1

Resource: W-WRA-026 (PFO)
   Impact Type: Fill or Dredge
   Impact Area: 0.068 acres
   Polygon Type: A-2

W-WRA-022

W-WRA-023

Resource: W-WRA-022 / W-WRA-023 (PEM)
   Impact Type: Fill or Dredge
   Impact Area: 0.090 acres
   Polygon Type: A-2

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
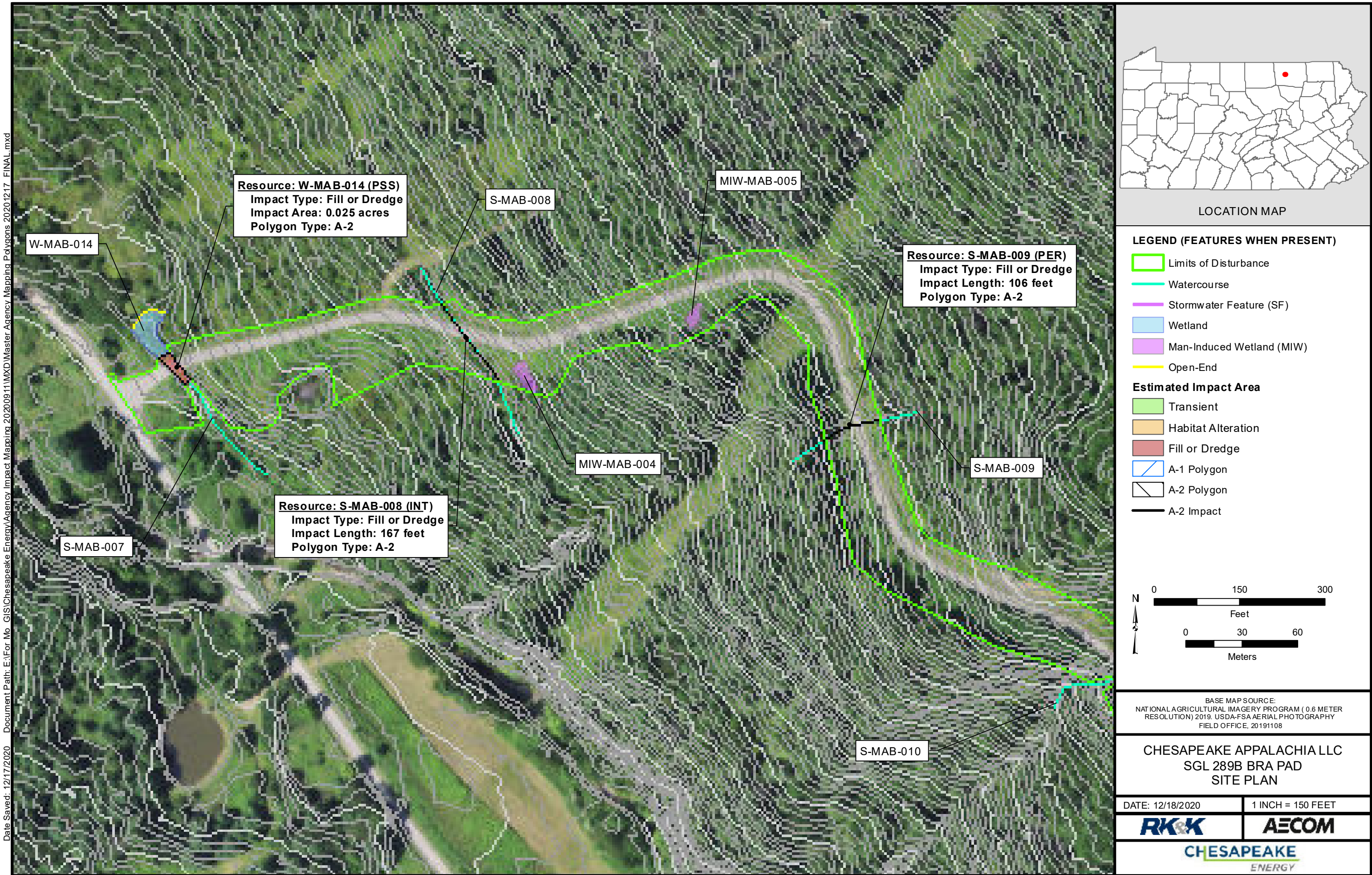- A-2 Impact

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
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FIELD OFFICE, 20191108
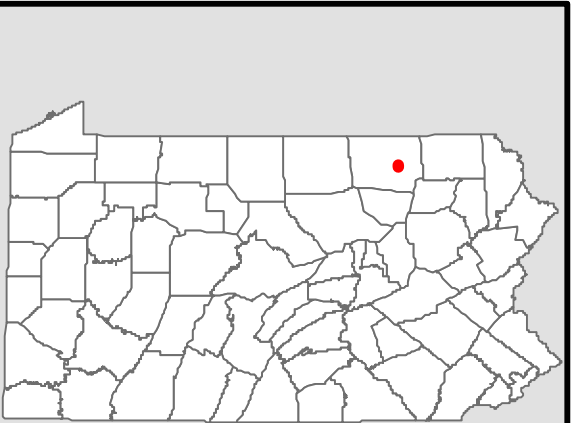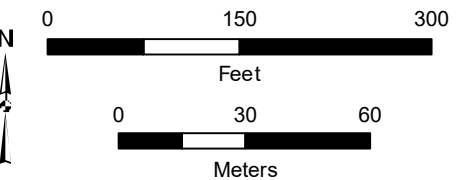
CHESAPEAKE APPALACHIA LLC
THALL BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

S-SLH-019

Resource: W-SLH-052 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.093 acres
Polygon Type: A-2
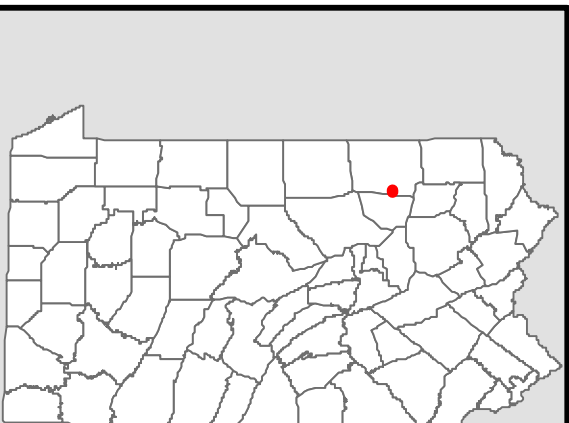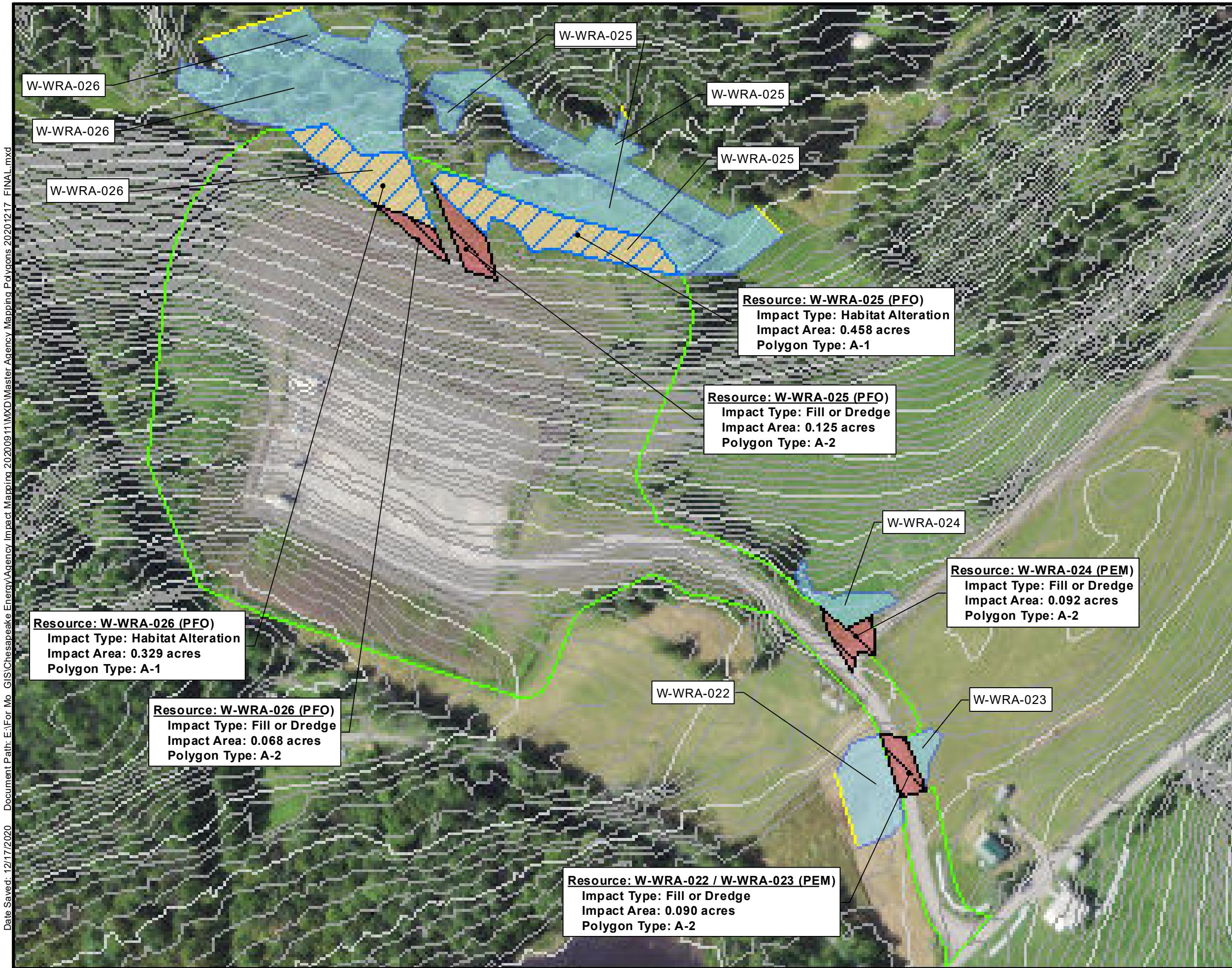
W-SLH-052

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
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CHESAPEAKE APPALACHIA LLC
WALT BRA PAD
SITE PLAN

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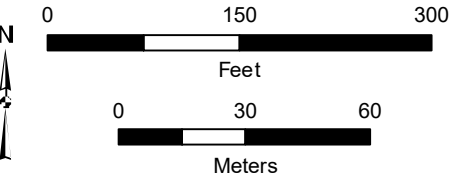
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

S-SLH-020
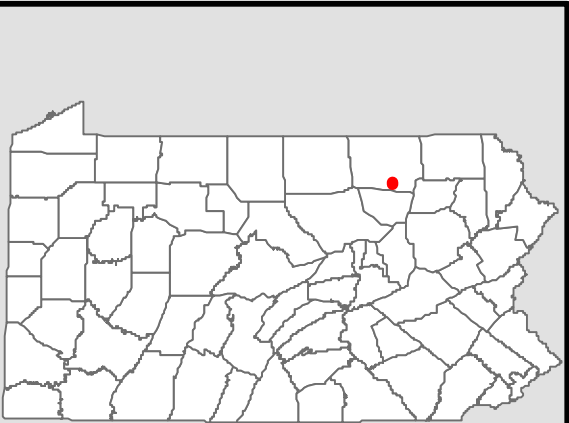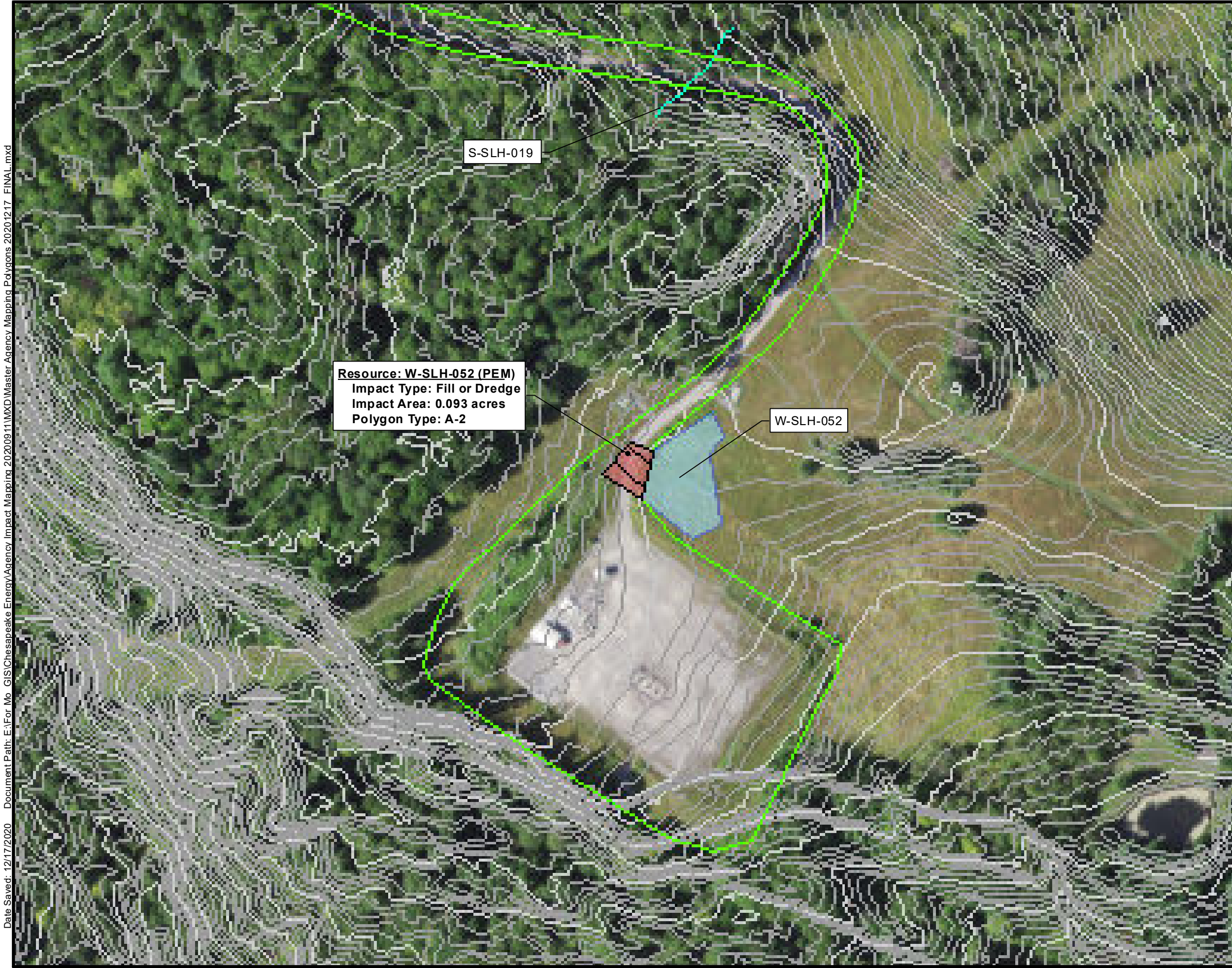
S-SLH-019

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
WALT BRA PAD
SITE PLAN

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

▭	Limits of Disturbance
───	Watercourse
───	Stormwater Feature (SF)
▭	Wetland
▭	Man-Induced Wetland (MIW)
───	Open-End

Estimated Impact Area

▭	Transient
▭	Habitat Alteration
▭	Fill or Dredge
▱	A-1 Polygon
▱	A-2 Polygon
━━	A-2 Impact

S-SLH-020

S-SLH-021

S-SLH-022

S-SLH-024

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
WALT BRA PAD
SITE PLAN

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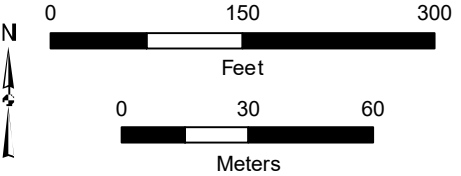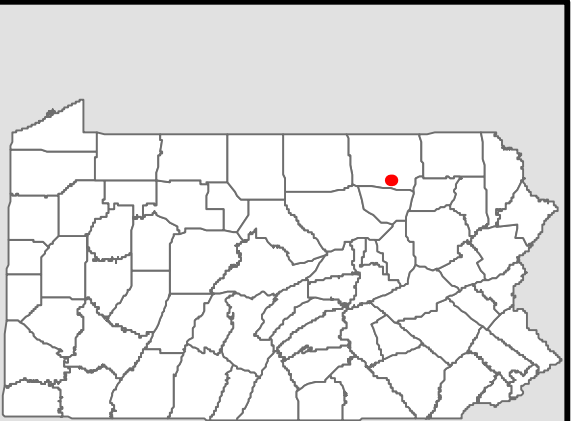
RK&K   AECOM

CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
Feet

0   30   60
Meters

Resource: W-SLH-102 (PEM)
Impact Type: Transient
Impact Area: 0.148 acres
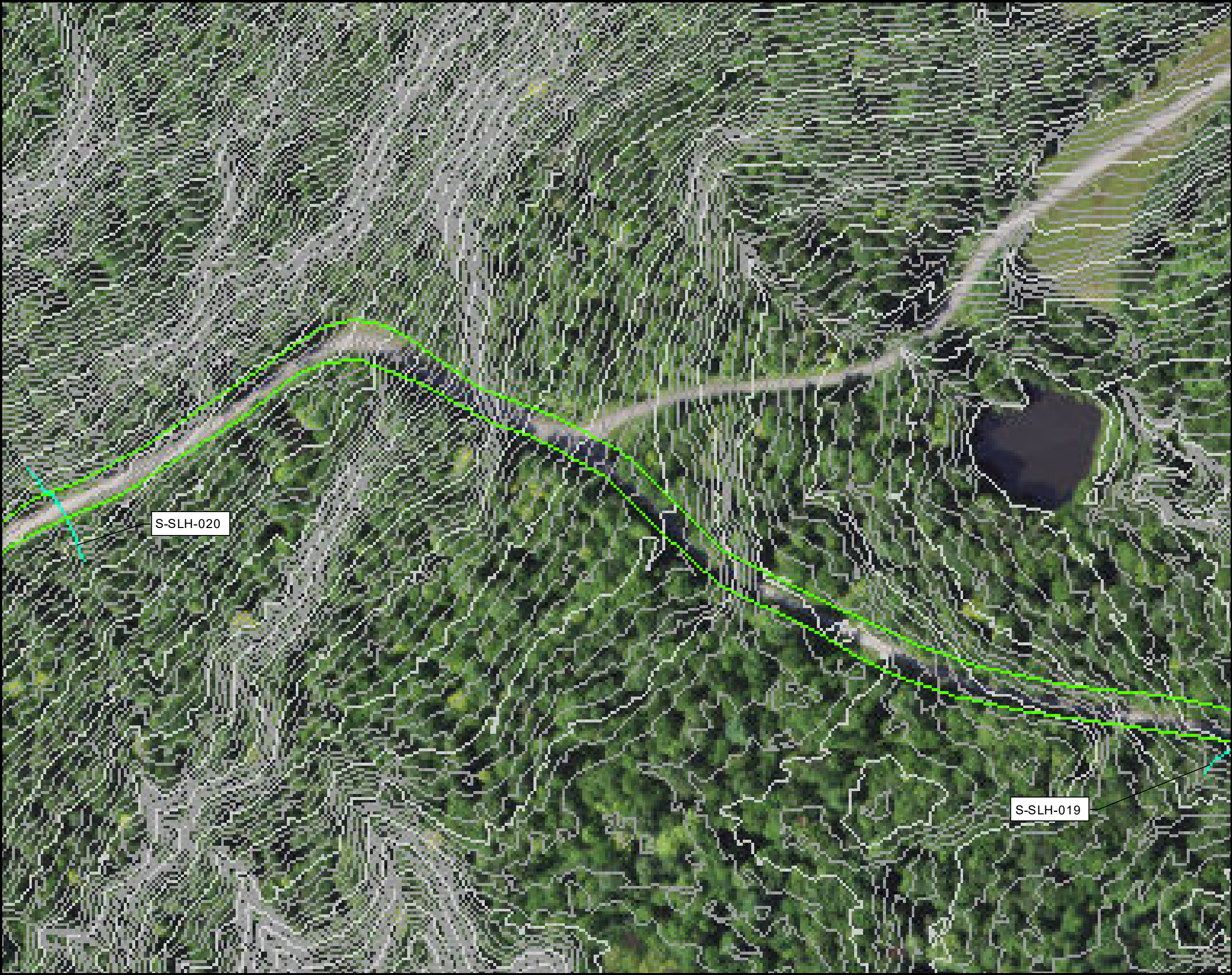**Polygon Type: A-2**

W-SLH-102

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
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FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
WASYL BRA PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
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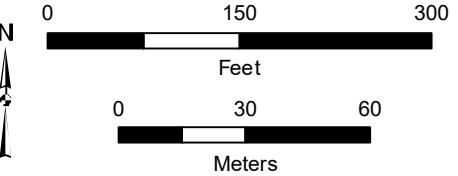
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance

Watercourse

Stormwater Feature (SF)

Wetland

Man-Induced Wetland (MIW)

Open-End

Estimated Impact Area

Transient

Habitat Alteration

Fill or Dredge

A-1 Polygon

A-2 Polygon

A-2 Impact

Resource: W-MAB-051 (PEM)
Impact Type: Transient
Impact Area: 0.069 acres
Polygon Type: A-2

Resource: W-MAB-051 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.030 acres
Polygon Type: A-2

W-MAB-051

MIW-MAB-020

S-MAB-036

S-MAB-037

0   150   300
Feet

0   30   60
Meters

CHESAPEAKE APPALACHIA LLC
BEDFORD SUL PAD
SITE PLAN

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ENERGY

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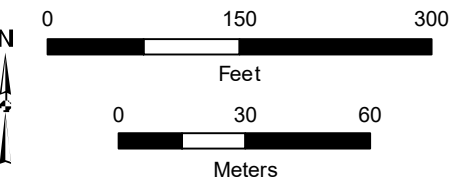
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

Resource: W-BJT-266 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.064 acres
Polygon Type: A-1

Resource: W-BJT-266 (PEM)
Impact Type: Transient
Impact Area: 0.021 acres
Polygon Type: A-1

MIW-BJT-267

W-BJT-266

W-BJT-266

0   150   300
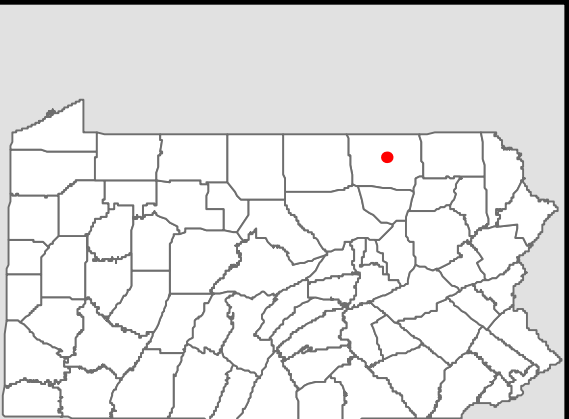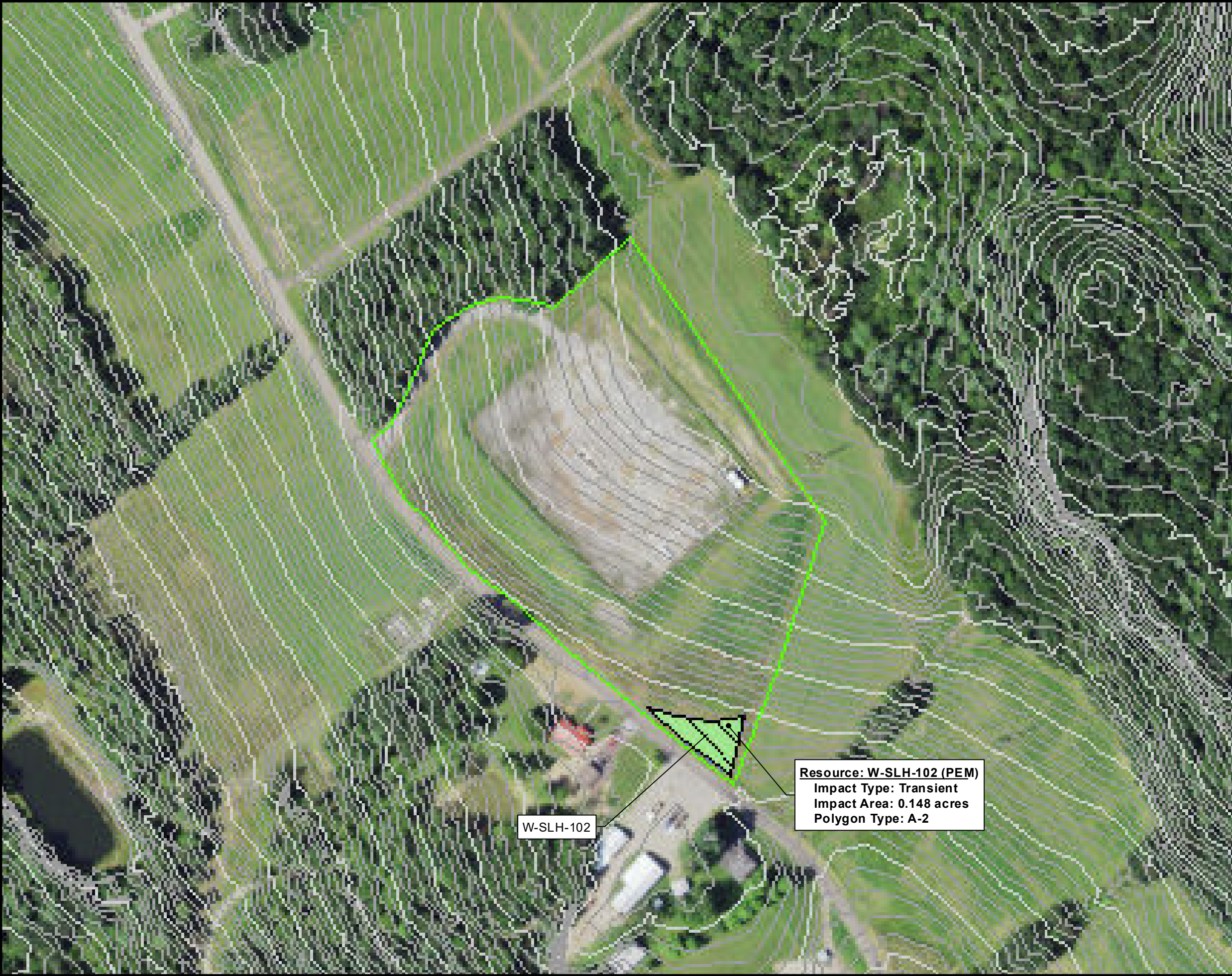Feet

0   30   60
Meters

N

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
YENGO SUL PAD
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

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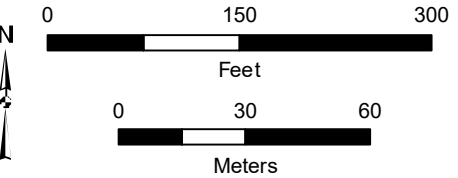
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

W-SLH-030

Resource: W-SLH-030 (PEM)
Impact Type: Transient
Impact Area: 0.003 acres
Polygon Type: A-1
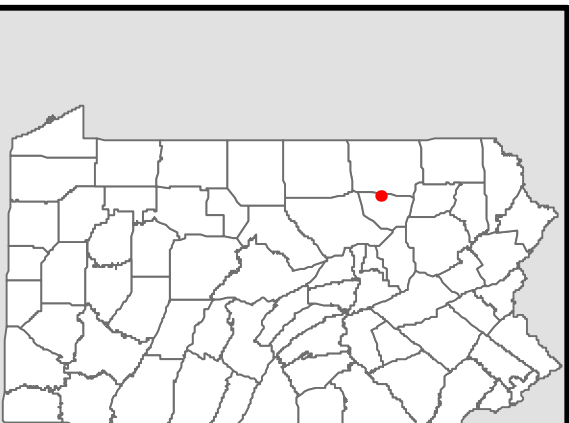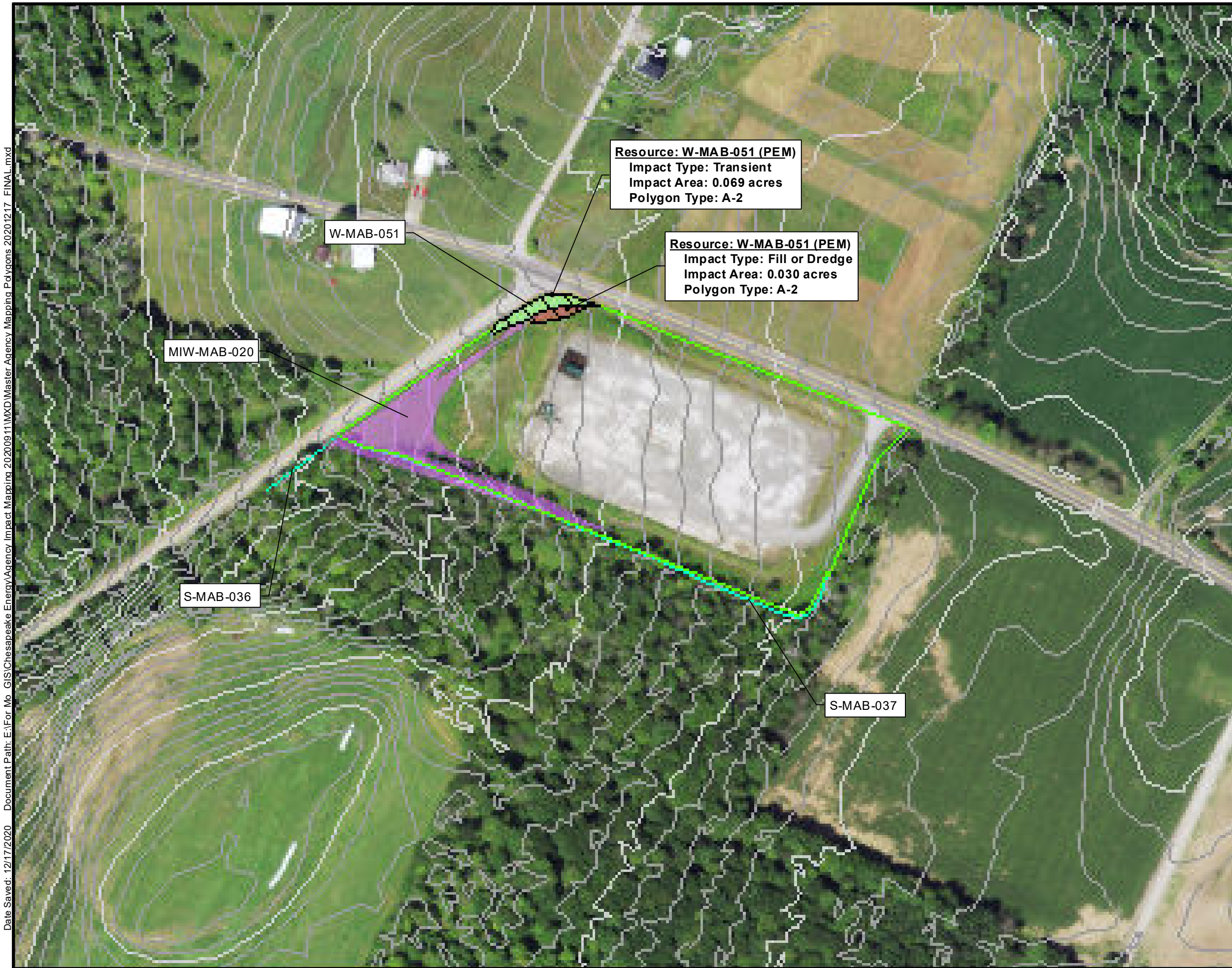
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Feet

0   30   60
Meters

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CHESAPEAKE APPALACHIA LLC
DECKER FARMS SUS PAD
SITE PLAN

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CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

W-SLH-030

Resource: W-SLH-030 (PEM)
Impact Type: Transient
Impact Area: 0.003 acres
Polygon Type: A-1

MIW-SLH-004

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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CHESAPEAKE APPALACHIA LLC
DECKER FARMS SUS PAD
SITE PLAN

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CHESAPEAKE
ENERGY

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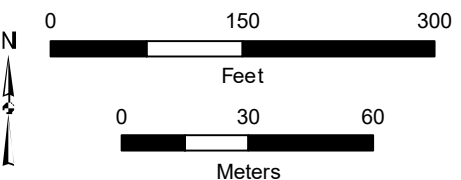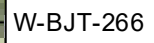
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
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FIELD OFFICE, 20191108

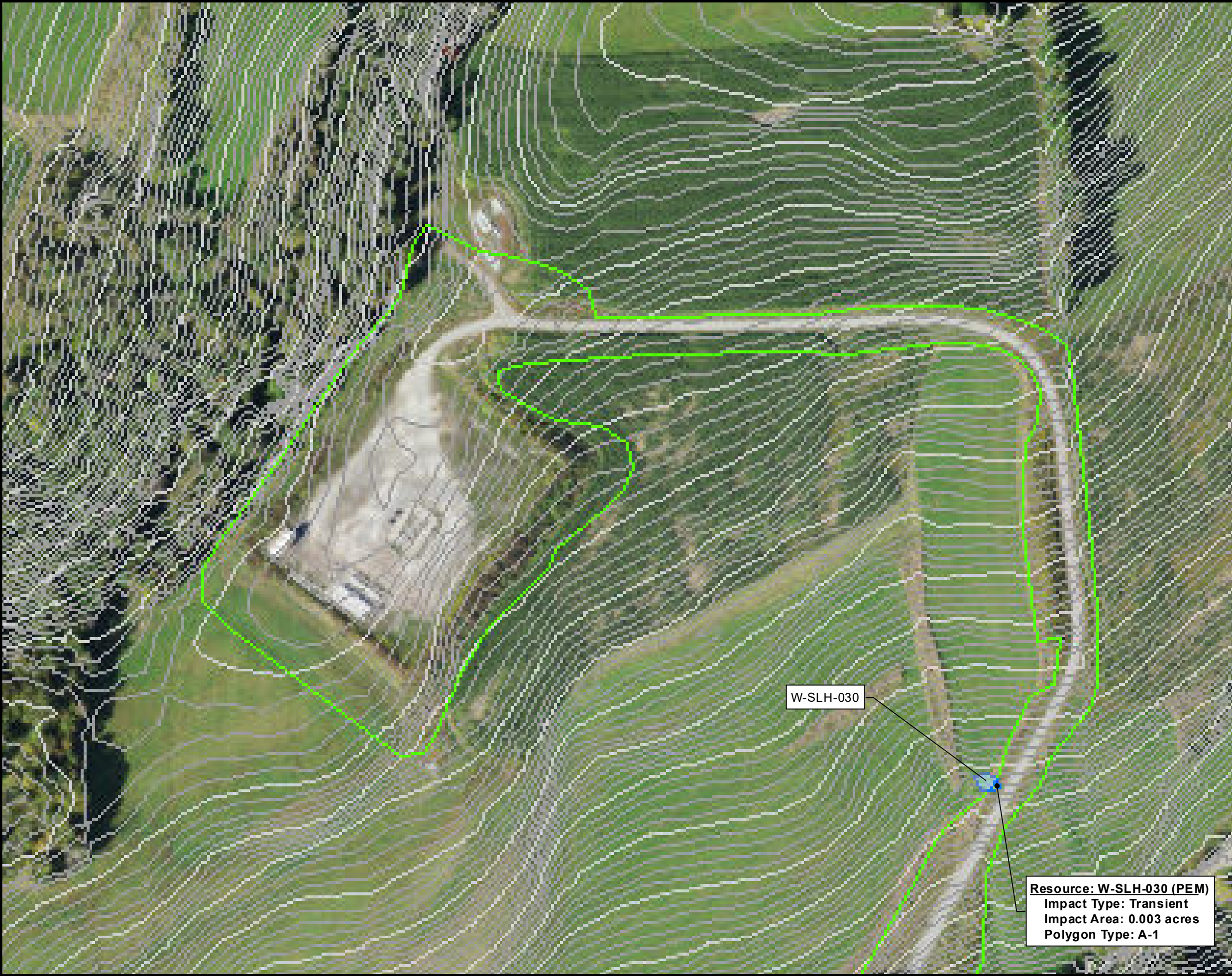CHESAPEAKE APPALACHIA LLC
GREGERSON SUS PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE
ENERGY

Resource: W-JLK-192 (PEM)
Impact Type: Transient
Impact Area: 0.071 acres
Polygon Type: A-1

MIW-JLK-189

W-JLK-194

MIW-JLK-190

MIW-JLK-193

W-JLK-192

S-JLK-069

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W-JLK-192

S-JLK-069

S-MAB-055

Resource: S-MAB-055 (INT)
Impact Type: Fill or Dredge
Impact Length: 57 feet
Polygon Type: A-2
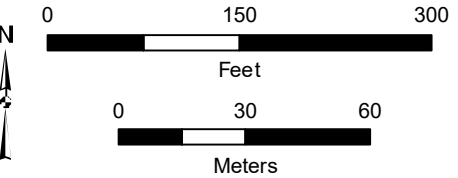
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

0   150   300
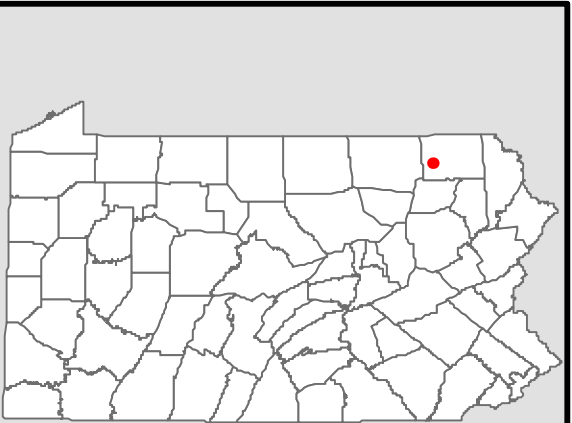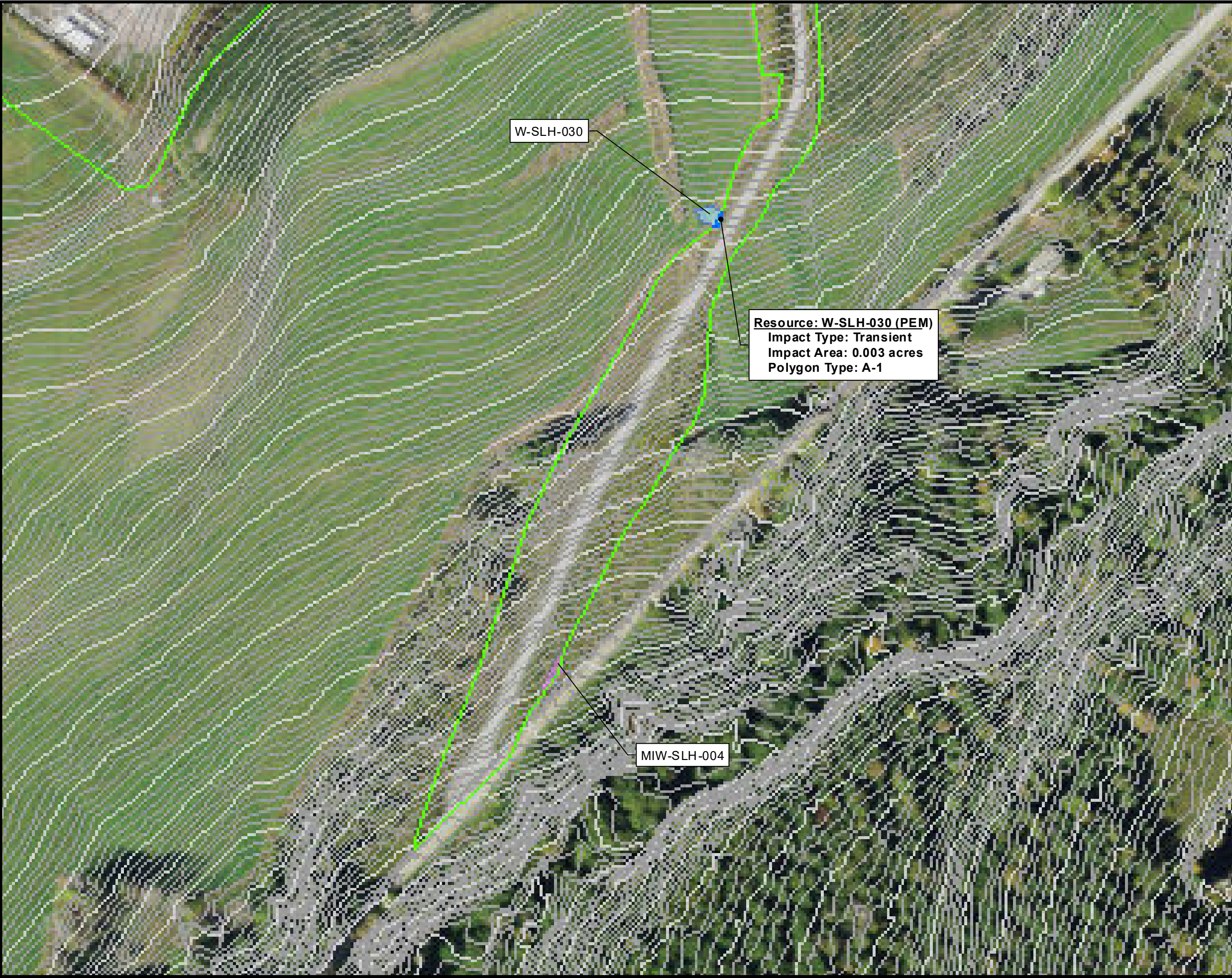Feet

0   30   60
Meters

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FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
GREGERSON SUS PAD
SITE PLAN

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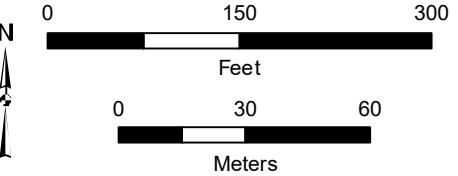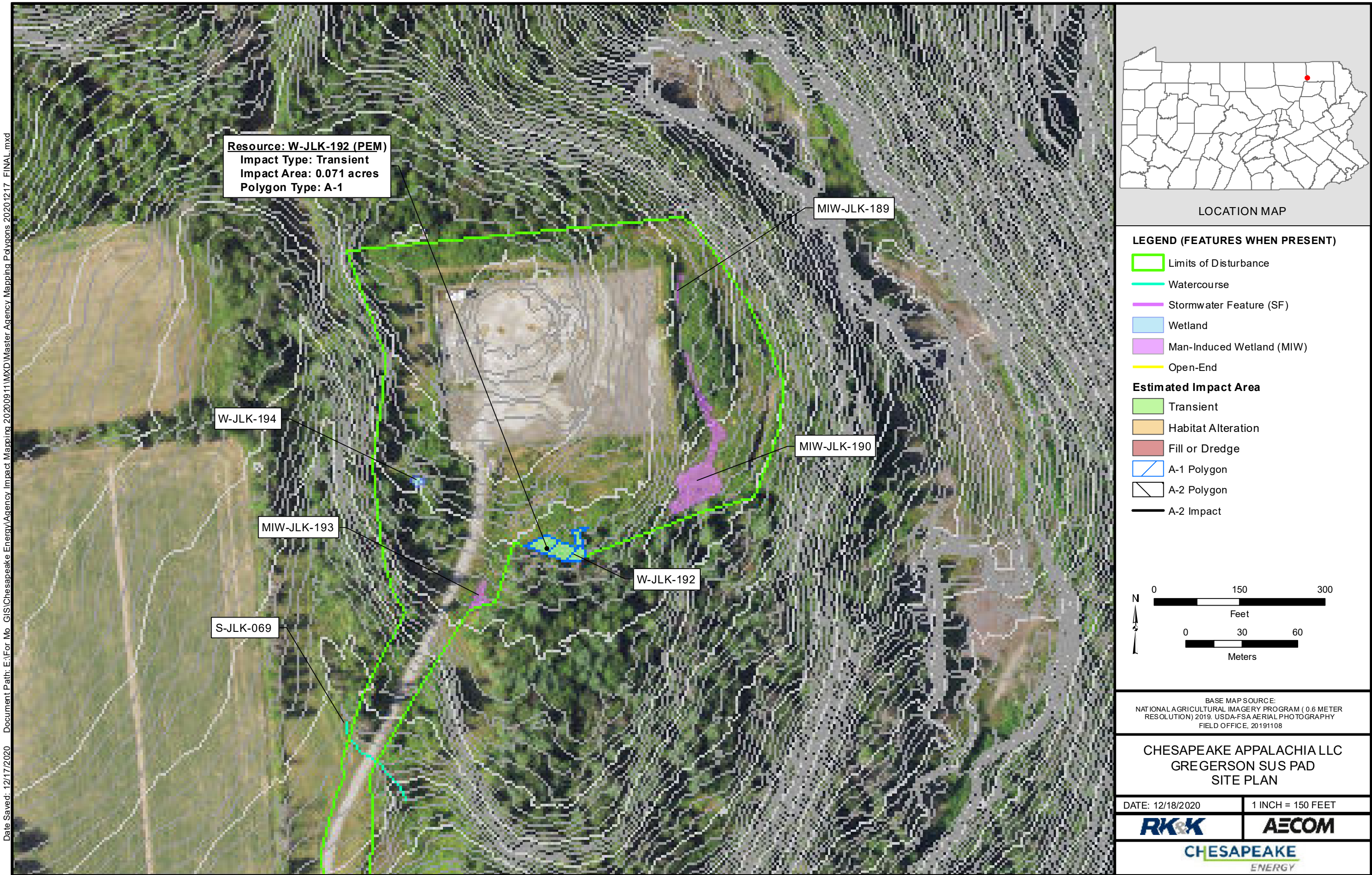**RK&K**   **AECOM**

CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

MIW-JLK-195

MIW-JLK-196

MIW-JLK-197

N

0   150   300
Feet

0   30   60
Meters

CHESAPEAKE APPALACHIA LLC
LRJ SUS PAD
SITE PLAN

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

▭	Limits of Disturbance
—	Watercourse
—	Stormwater Feature (SF)
�	Wetland
▭	Man-Induced Wetland (MIW)
—	Open-End

Estimated Impact Area

▭	Transient
▭	Habitat Alteration
▭	Fill or Dredge
▭	A-1 Polygon
▭	A-2 Polygon
—	A-2 Impact

Resource: W-JLK-198 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.031 acres
Polygon Type: A-1

W-JLK-198

W-JLK-198

Resource: W-JLK-198 (PEM)
Impact Type: Transient
Impact Area: 0.010 acres
Polygon Type: A-1

Resource: W-JLK-198 (PFO)
Impact Type: Fill or Dredge
Impact Area: 0.331 acres
Polygon Type: A-2

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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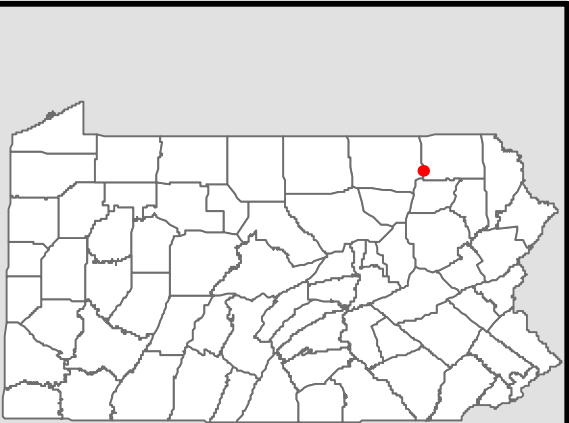
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LRJ SUS PAD
SITE PLAN

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ENERGY

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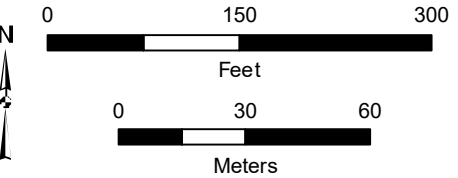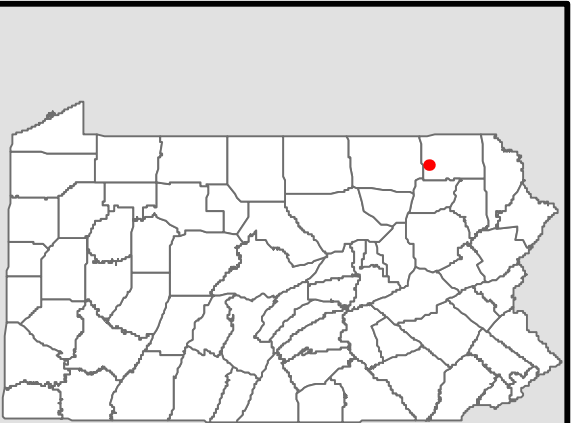
Date Saved: 12/17/2020

Resource: McGavin_2 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.030 acres
Polygon Type: A-1

Resource: McGavin_3 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.090 acres
Polygon Type: A-1

Resource: McGavin_1B (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.120 acres
Polygon Type: A-2

Resource: McGavin_1A (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.520 acres
Polygon Type: A-2

MIW-JMG-001

W-GJM-001

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)
- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area
- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
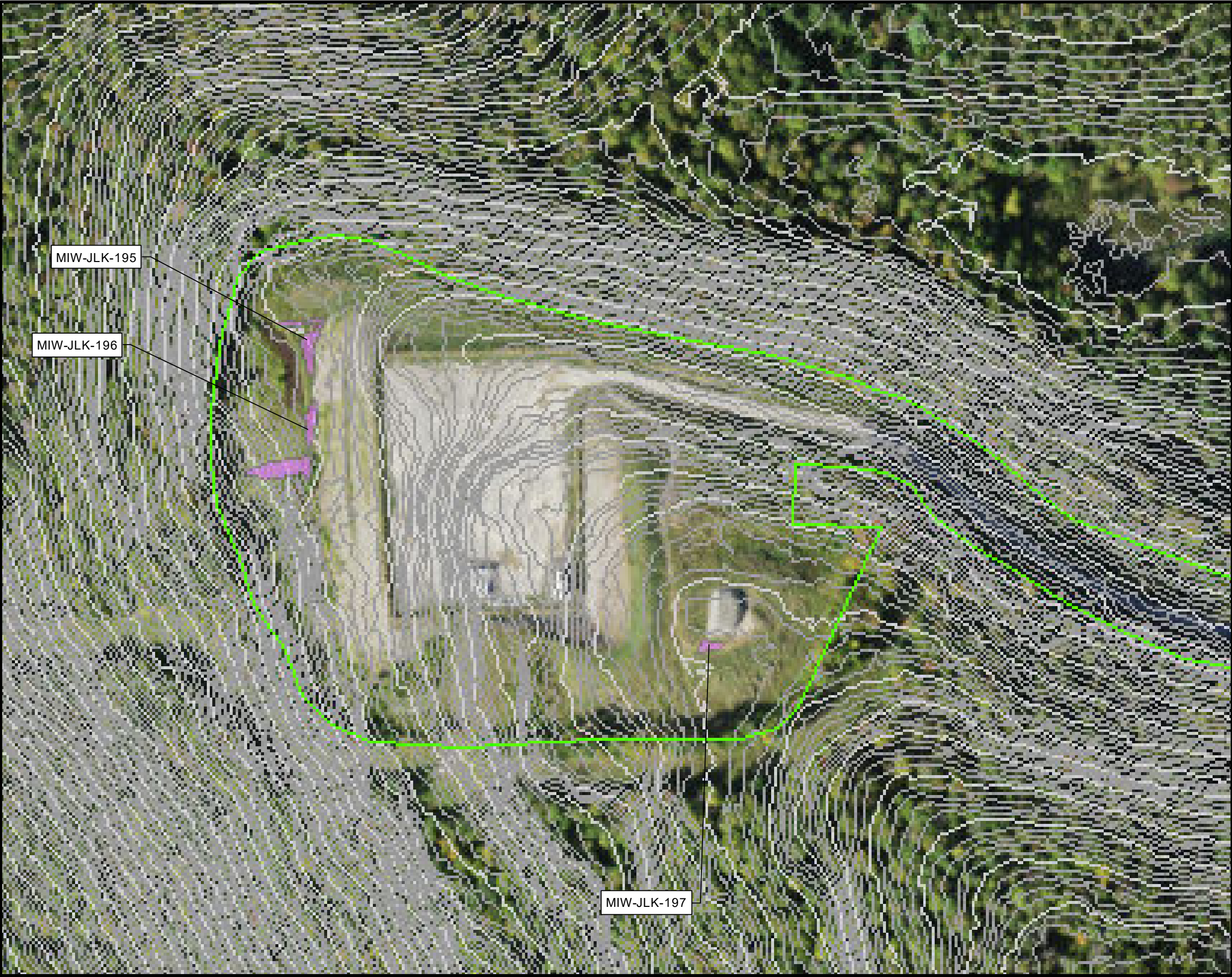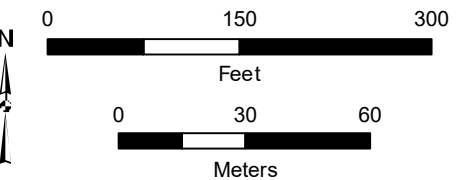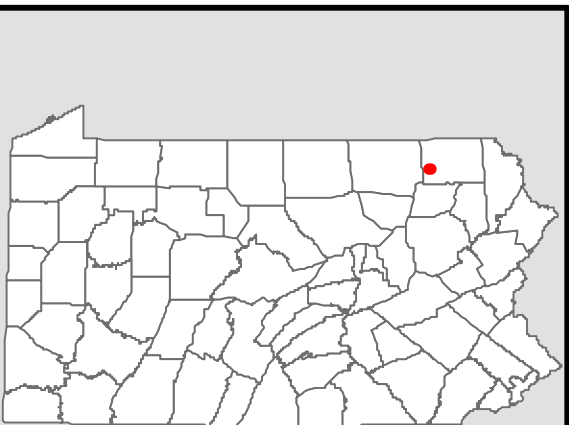- A-2 Impact

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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CHESAPEAKE APPALACHIA LLC
MCGAVIN SUS PAD
SITE PLAN

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

MIW-WRA-024

Resource: W-WRA-043 (PFO)
Impact Type: Transient
Impact Area: 0.019 acres
Polygon Type: A-1

W-WRA-043
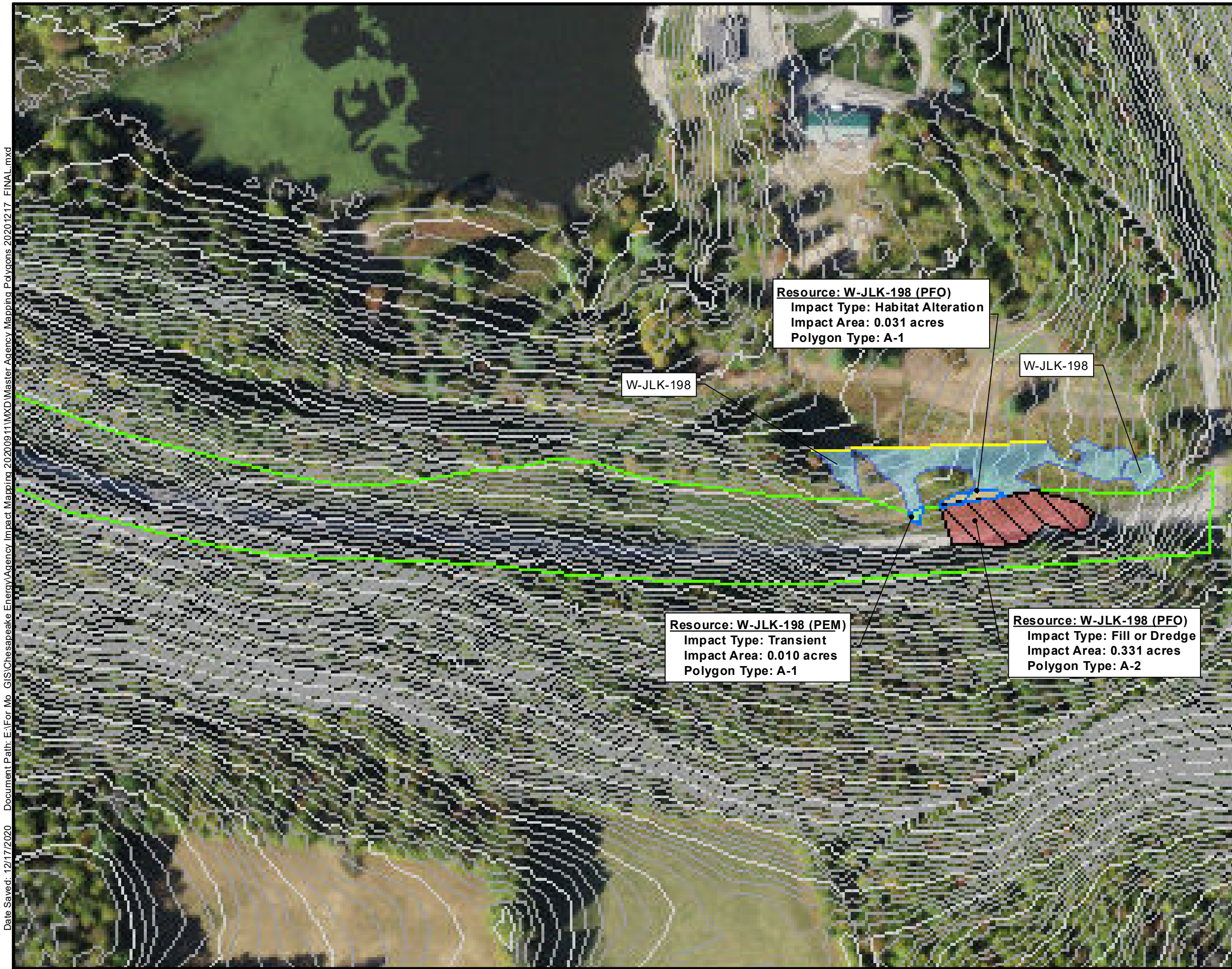
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0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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CHESAPEAKE APPALACHIA LLC
NICKOLYN SUS PAD
SITE PLAN

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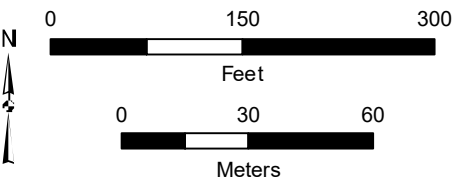
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

W-MAB-090

W-MAB-088

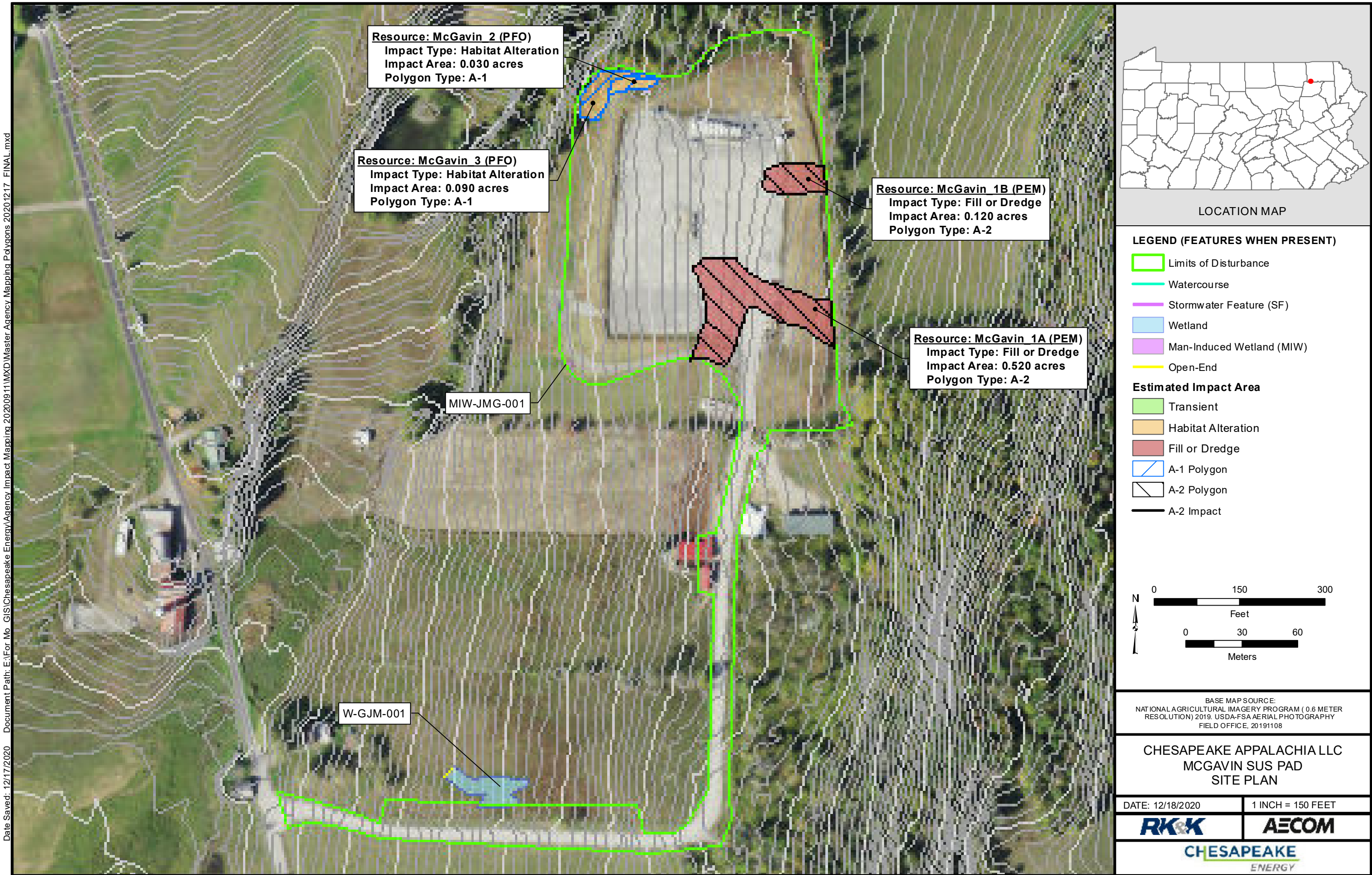0   150   300
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Meters

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BASE MAP SOURCE:
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CHESAPEAKE APPALACHIA LLC
SUSQ 2F- SQUIER FRAC POND
SITE PLAN

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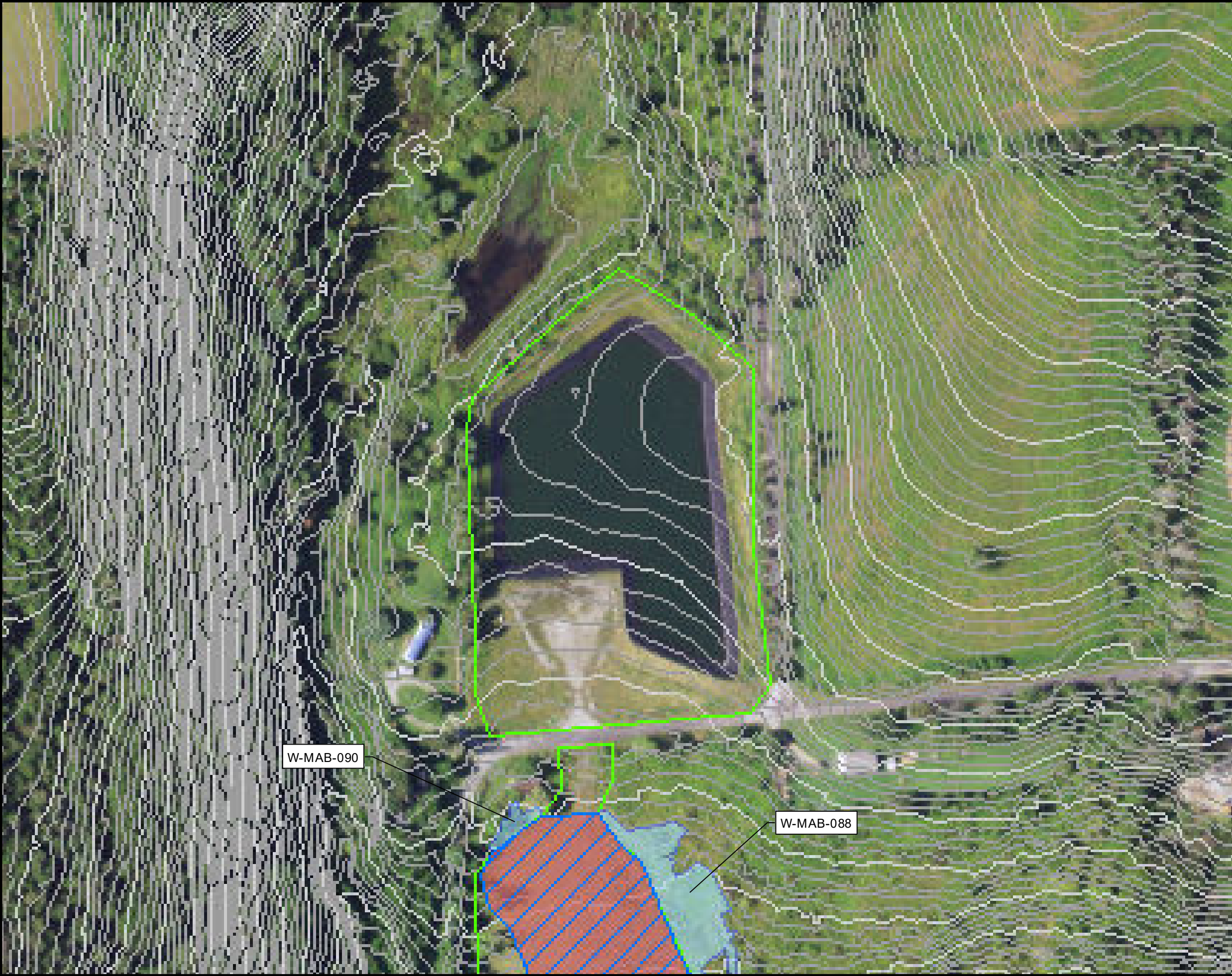
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ENERGY

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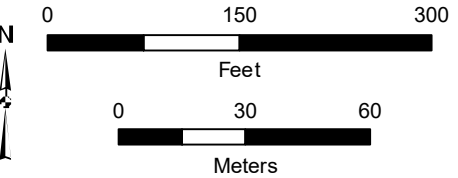
LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

W-MAB-090

W-MAB-088

W-MAB-088 / W-MAB-089 / W-MAB-090 (PEM & PSS)
Impact Type: Fill or Dredge
Impact Area: 2.581 acres
Polygon Type: A-1

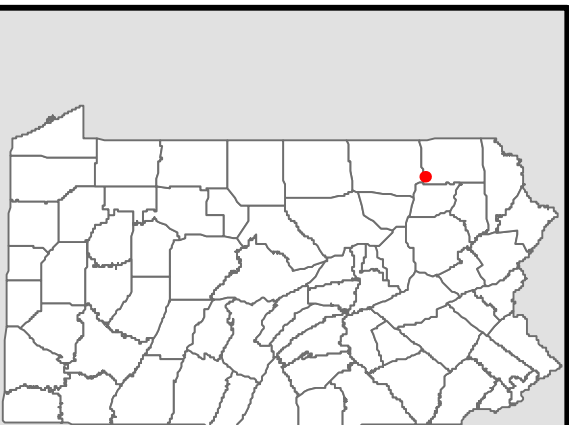W-MAB-089

0   150   300
Feet

0   30   60
Meters

BASE MAP SOURCE:
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CHESAPEAKE APPALACHIA LLC
SUSQ 2F- SQUIER FRAC POND
SITE PLAN

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W-SLH-077

Resource: W-SLH-077 (PEM)
Impact Type: Transient
Impact Area: 0.002 acres
Polygon Type: A-2

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

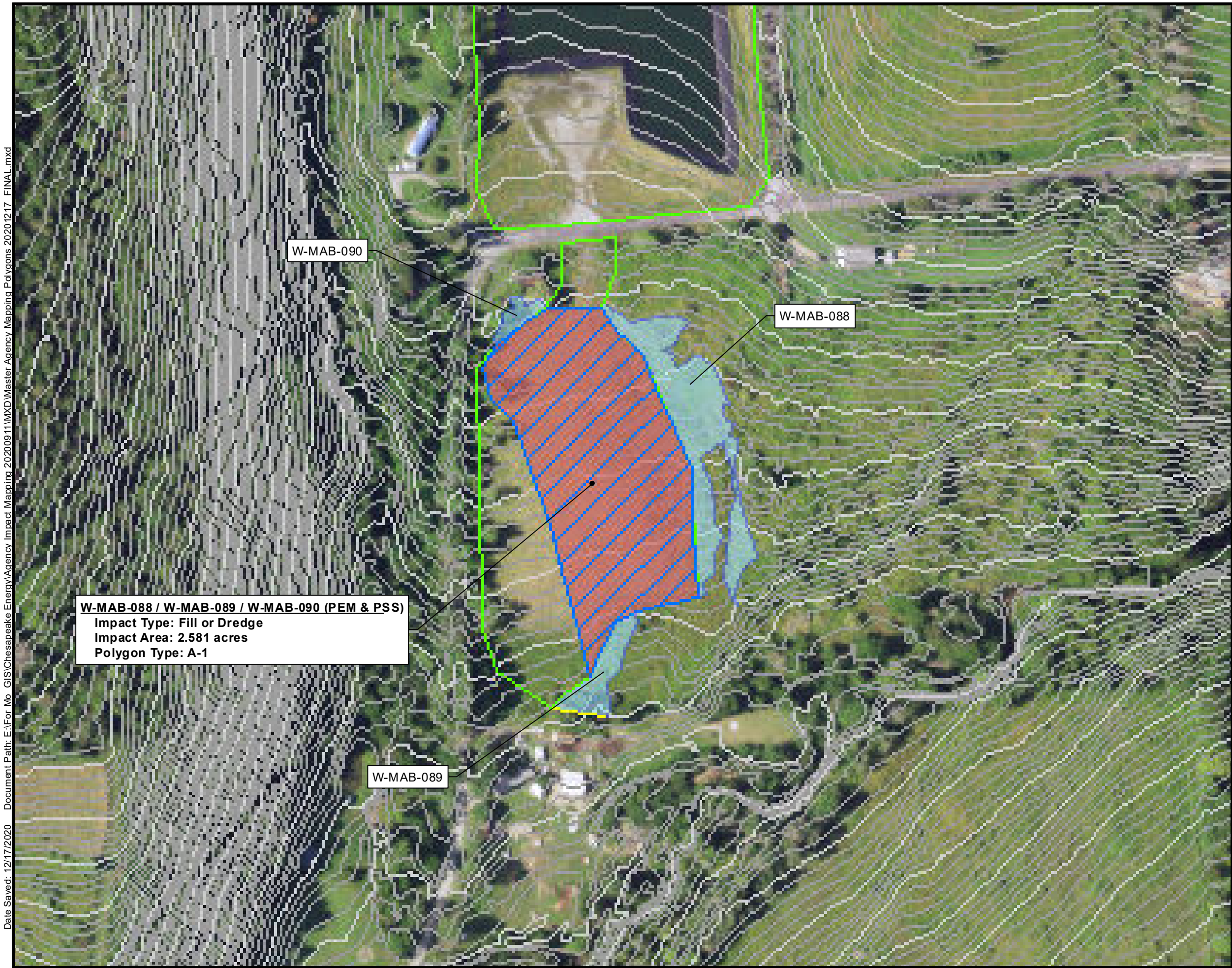0   150   300
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Meters

BASE MAP SOURCE:
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CHESAPEAKE APPALACHIA LLC
CAPPUCCI WYO PAD
SITE PLAN

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ENERGY

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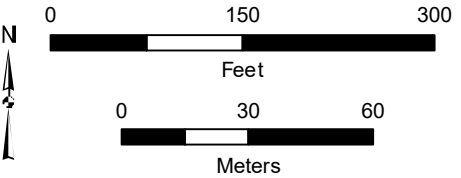
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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

- Limits of Disturbance
- Watercourse
- Stormwater Feature (SF)
- Wetland
- Man-Induced Wetland (MIW)
- Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
- A-2 Impact

Resource: W-SLH-054 (PFO)
Impact Type: Habitat Alteration
Impact Area: 0.100 acres
Polygon Type: A-1

MIW-SLH-018

S-SLH-025

MIW-SLH-019

MIW-SLH-016

W-SLH-054

W-SLH-054

0   150   300
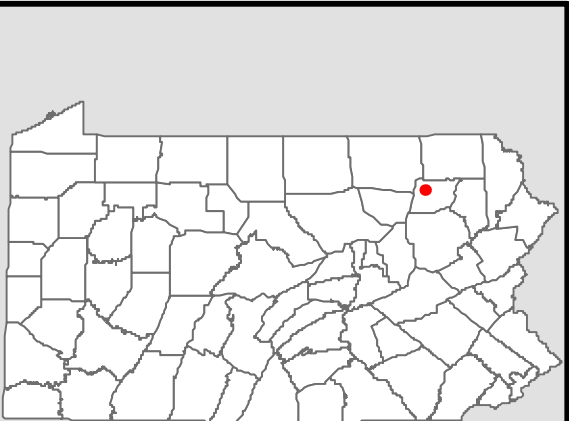Feet

0   30   60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
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CHESAPEAKE APPALACHIA LLC
DUNNY WYO PAD
SITE PLAN

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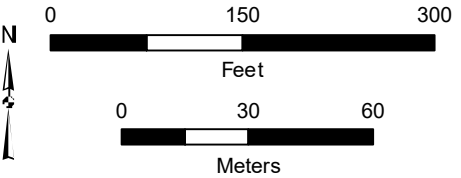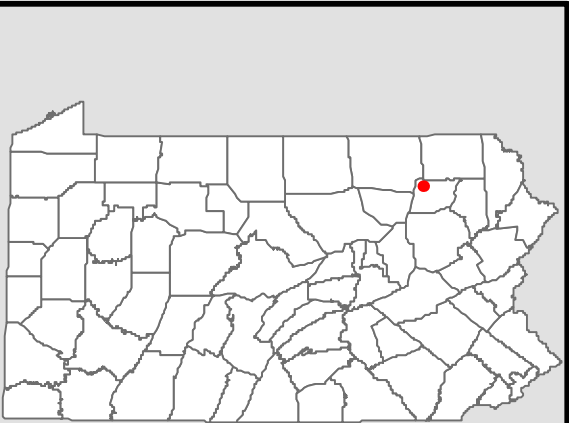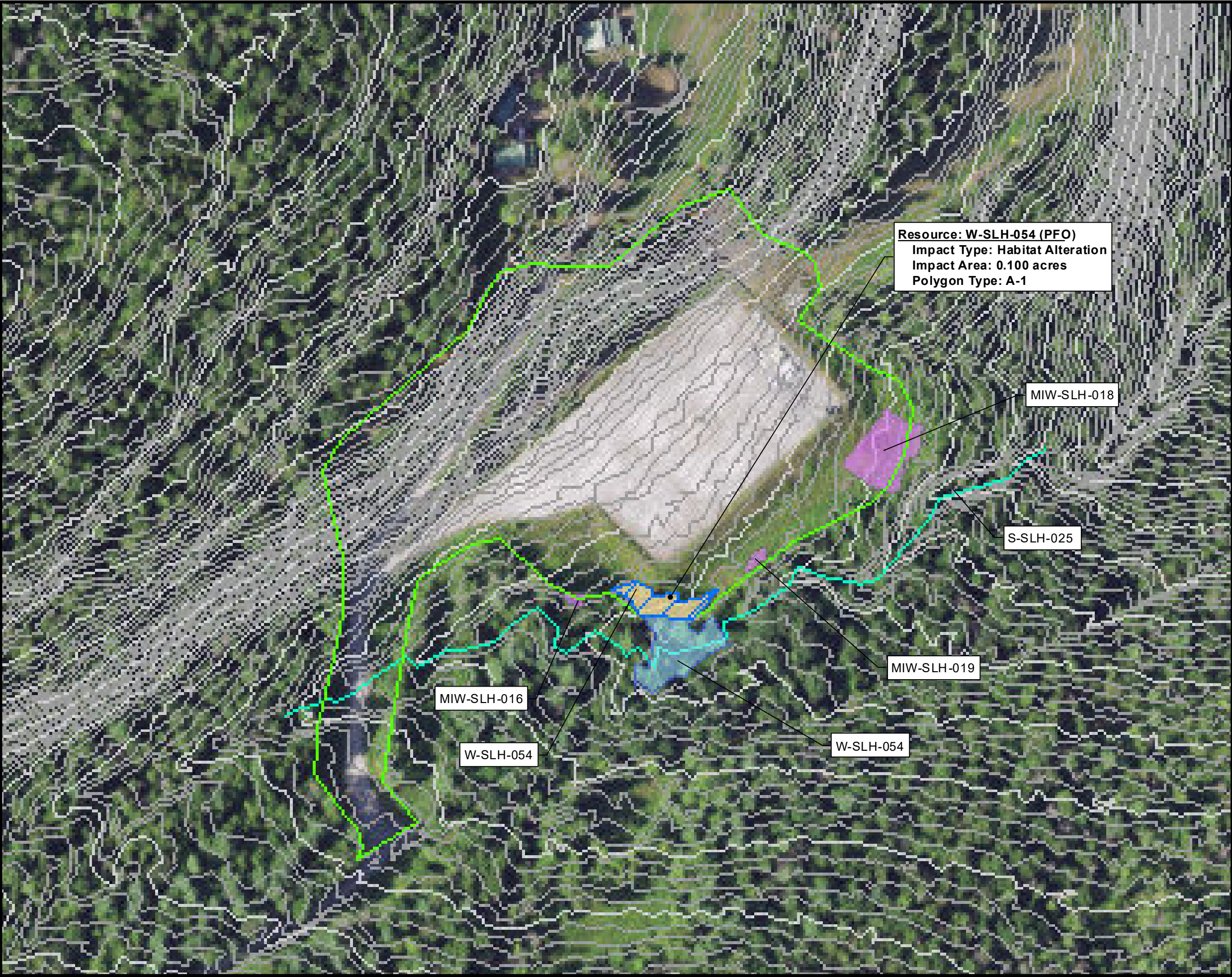RK&K   AECOM

CHESAPEAKE
ENERGY

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

— Limits of Disturbance
— Watercourse
— Stormwater Feature (SF)
▢ Wetland
▢ Man-Induced Wetland (MIW)
— Open-End

Estimated Impact Area
▢ Transient
▢ Habitat Alteration
▢ Fill or Dredge
▨ A-1 Polygon
▨ A-2 Polygon
— A-2 Impact

Resource: W-SLH-074 (PEM)
Impact Type: Transient
Impact Area: 0.009 acres
Polygon Type: A-1

MIW-SLH-041

W-SLH-074

S-SLH-035

0   150   300
Feet

0   30   60
Meters

CHESAPEAKE APPALACHIA LLC
PENECALE WYO PAD
SITE PLAN

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LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

— Limits of Disturbance
— Watercourse
— Stormwater Feature (SF)
— Wetland
— Man-Induced Wetland (MIW)
— Open-End

Estimated Impact Area

- Transient
- Habitat Alteration
- Fill or Dredge
- A-1 Polygon
- A-2 Polygon
— A-2 Impact

MIW-MAB-017

MIW-MAB-016

MIW-MAB-015

W-MAB-040

Resource: W-MAB-039 / W-MAB-040 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.042 acres
Polygon Type: A-2

Resource: W-MAB-039 (PEM)
Impact Type: Transient
Impact Area: 0.010 acres
Polygon Type: A-2

Resource: W-MAB-040 (PEM)
Impact Type: Transient
Impact Area: 0.006 acres
Polygon Type: A-2

W-MAB-039

0   150   300
Feet

0   30   60
Meters

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CHESAPEAKE APPALACHIA LLC
WARREN WYO PAD
SITE PLAN

DATE: 12/18/2020   1 INCH = 150 FEET

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CHESAPEAKE ENERGY

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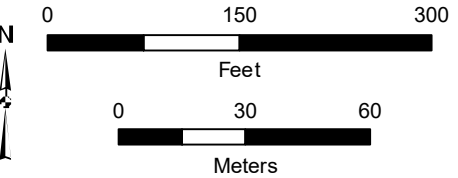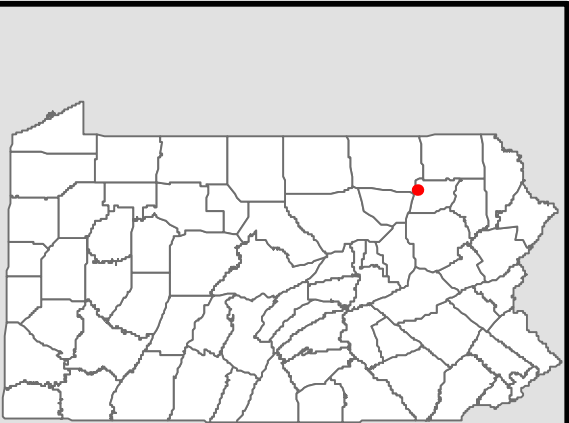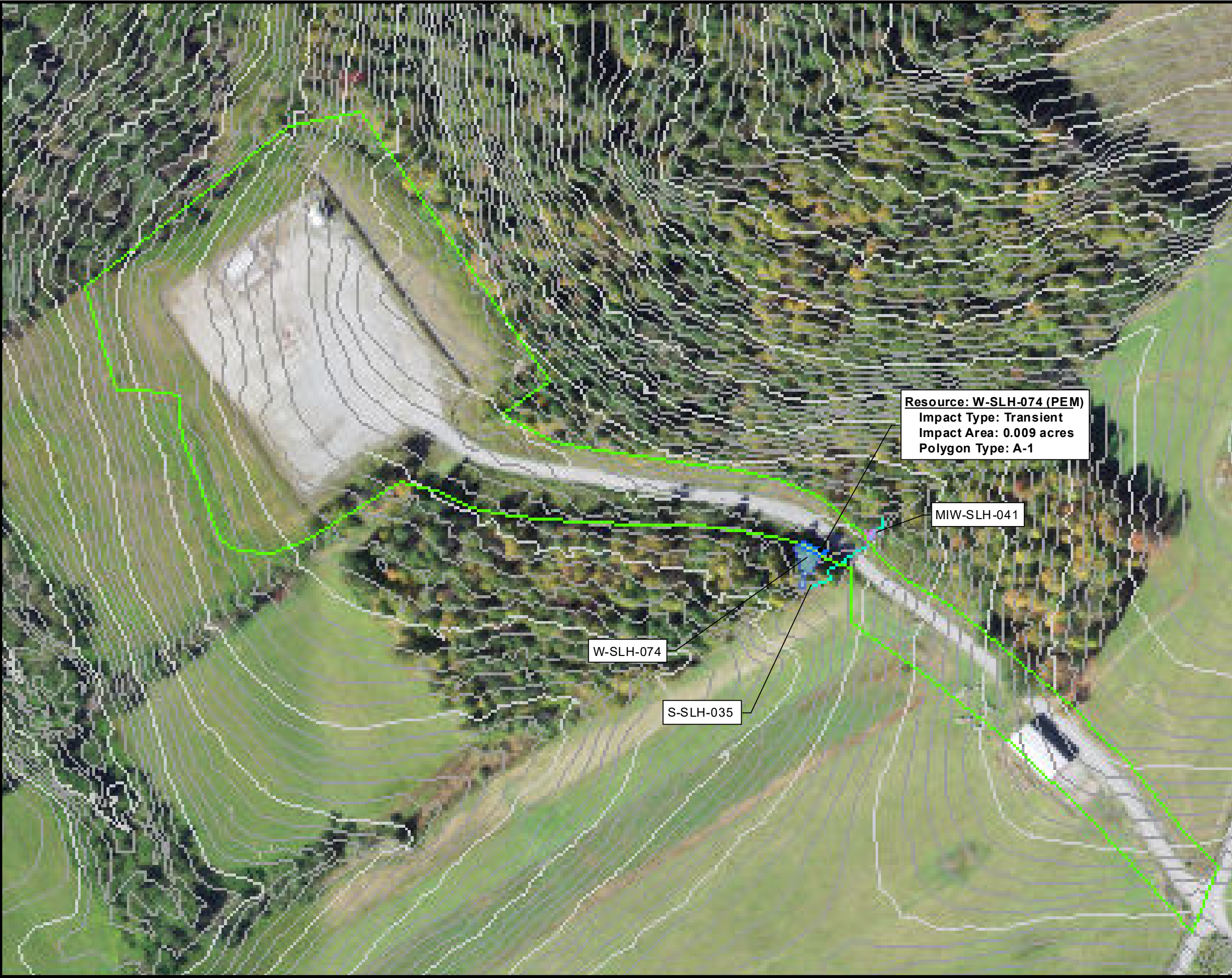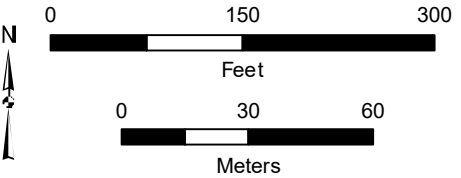
W-BJT-353

W-BJT-352

Resource: W-BJT-352 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.004 acres
Polygon Type: A-2

Resource: W-BJT-352 (PEM)
Impact Type: Transient
Impact Area: 0.345 acres
Polygon Type: A-1

Resource: W-BJT-355 / W-BJT-356 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.434 acres
Polygon Type: A-2

Resource: W-BJT-353 (PEM)
Impact Type: Transient
Impact Area: 0.008 acres
Polygon Type: A-1

Resource: W-BJT-353 / W-BJT-356 (PEM)
Impact Type: Fill or Dredge
Impact Area: 0.246 acres
Polygon Type: A-2

Resource: W-BJT-355 (PEM)
Impact Type: Transient
Impact Area: 0.023 acres
Polygon Type: A-1

W-BJT-355

W-BJT-355

W-BJT-356

Resource: W-BJT-356 (PEM)
Impact Type: Transient
Impact Area: 0.057 acres
Polygon Type: A-1

LOCATION MAP

LEGEND (FEATURES WHEN PRESENT)

Limits of Disturbance
Watercourse
Stormwater Feature (SF)
Wetland
Man-Induced Wetland (MIW)
Open-End

Estimated Impact Area

Transient
Habitat Alteration
Fill or Dredge
A-1 Polygon
A-2 Polygon
A-2 Impact

N

0 150 300
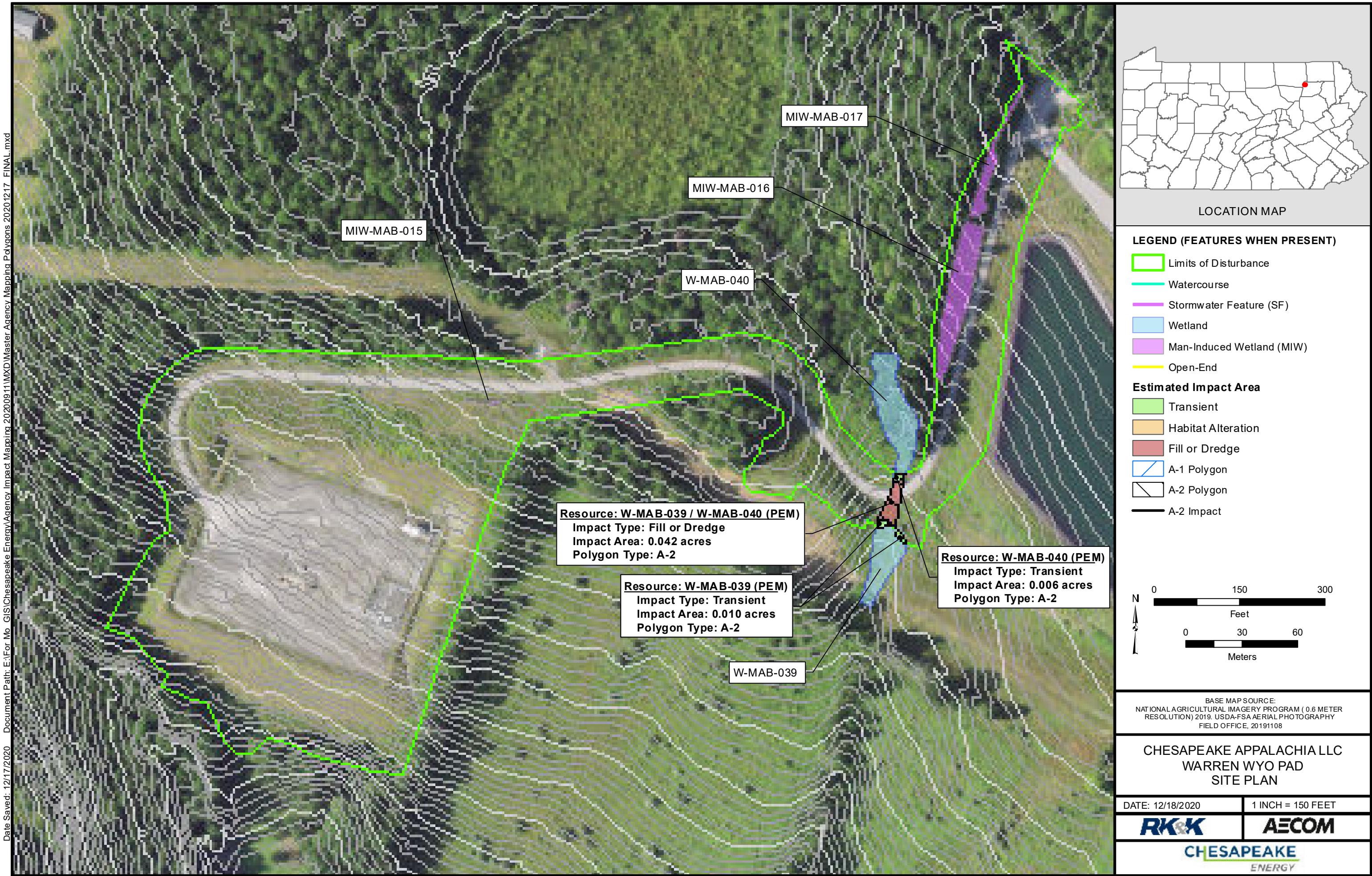Feet

0 30 60
Meters

BASE MAP SOURCE:
NATIONAL AGRICULTURAL IMAGERY PROGRAM (0.6 METER
RESOLUTION) 2019. USDA-FSA AERIAL PHOTOGRAPHY
FIELD OFFICE, 20191108

CHESAPEAKE APPALACHIA LLC
WYOM 5 - GUSTIN FRAC POND
SITE PLAN

DATE: 12/18/2020 | 1 INCH = 150 FEET

RK&K | AECOM

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